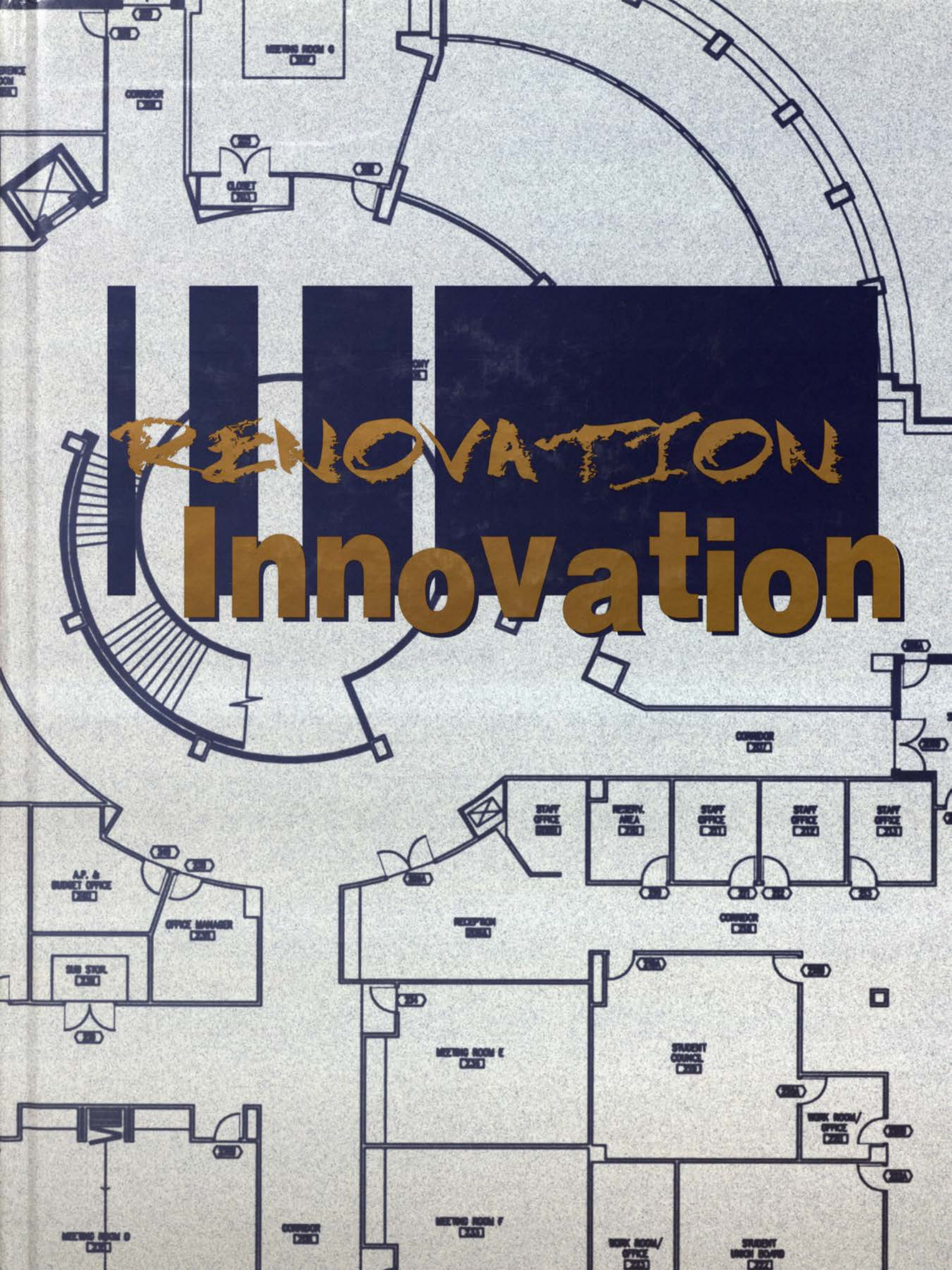




A detailed architectural floor plan of a building renovation project. The plan features a large central area with a curved wall and a staircase. To the right, there is a long corridor leading to a row of five staff offices (X101 to X105) and a reception area (X106). Below the reception area are two large meeting rooms (X107 and X108) and a student council room (X109). To the left of the central area, there is a meeting room (X102) and a closet (X103). At the bottom left, there is a meeting room (X104) and a sub-stor (X105). At the bottom right, there is a work room/office (X110) and a student union board (X111). The plan also includes a meeting room (X101) at the top left, a meeting room (X103) at the top right, and a meeting room (X106) at the bottom right. The text 'RENOVATION' is written in a stylized, orange, distressed font across the center, and 'Innovation' is written in a large, bold, orange font below it.

RENOVATION

Innovation

RENOVATION Innovation



2002-2003 *ROLLAMO*

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Below. In October, the new Catholic Campus Ministry Center begins to take shape. Replacing the Newman Center, this project was greatly anticipated by those who frequented the center, and marked half a century of faith and service since the Newman Program's first meetings at UMR in 1953. Photo by Julie Portman.



Above. Dr. Elson Floyd, UM President; Nathan Mundis, Mark Ebel; John Mathes, Curator Emeritus; Dr. Debra Robinson, Vice-Chancellor of Student Affairs; Kathryn Sandefur; and Dr. Gary Thomas, Chancellor; break ground for the new Residential College. Demonstrating UMR ingenuity, they are undeterred by performing the ceremony on a paved parking lot. Photo by Nancy Lentz.

Right. Allison Arnn shakes the hand of Senator Jean Carnahan before giving a tour of the solar house in Washington, D.C. Photo submitted by Solar House Team.



Below. After blazing past other teams, Brian Fuhrman, a senior in Mechanical Engineering, takes a definite lead in the endurance race. UMR's Human Powered Vehicle, "Black Widow," finished the endurance race 14 laps ahead of the competition, and earned first place out of 16 schools in the single rider division. Photo by Nancy Lentz.



DESPITE, OR PERHAPS BECAUSE OF, THE TRAUMA AND HARDSHIP THE NATION FACED IN THE PAST YEAR, THERE SEEMED TO BE A STRONG TREND AS EVER TOWARD EXPANSION. THIS WAS READILY SEEN IN THE SHEER NUMBER OF NEW STUDENTS ON CAMPUS. AN INTENSE RECRUITMENT CAMPAIGN INCREASED ENROLLMENT BY 9.5 PERCENT—THE LARGEST INCREASE THE UNIVERSITY HAD SEEN IN 21 YEARS.

SIGNS OF CONSTRUCTION AND RESTORATION WERE EVERYWHERE. RENOVATION OF THE BUTLER-CARLTON CIVIL ENGINEERING BUILDING FINALLY COMPLETED AFTER THREE YEAR. NEWMAN MADE RAPID PROGRESS ON ITS NEW CAMPUS MINISTRY CENTER. GROUND WAS BROKEN FOR THE HAVENER CENTER, A \$16 MILLION PROJECT EXPECTED TO BE COMPLETED IN 2004. IN ANTICIPATION OF A CONTINUED INCREASE IN ENROLLMENT, THE FIRST PHASE OF THE RESIDENTIAL COLLEGE WAS STARTED IN APRIL.

STUDENTS AND FACULTY BROKE NEW GROUND OF THEIR OWN IN RESEARCH. MATERIALS, STRUCTURES, AND PRODUCTS WERE MADE FASTER, LIGHTER, AND EVEN SMARTER. WE WITNESSED THE COLLISION OF RENOVATION AND INNOVATION ON A SCALE UNSEEN SINCE THE 1960's. TAKE A LOOK NOW AT THE CHANGES THAT TOOK PLACE IN THE PAST YEAR, AND AT JUST SOME OF THE THINGS THAT MADE 2003 A YEAR WORTH REMEMBERING.

RENOVATE
Innovate

UNDER CONSTRUCTION:

The Evolution of UMR

MANY WOULD ARGUE THAT WITHOUT STUDENTS, FACULTY, AND STAFF, A UNIVERSITY CAMPUS IS REDUCED TO A MERE COLLECTION OF BUILDINGS. HOWEVER, THE BUILDINGS OF **UMR** WERE INTEGRAL PARTS OF OUR EXPERIENCES AS STUDENTS. AFTER THE HOURS WE SPENT IN LECTURE HALLS, LABS, AND STUDY LOUNGES, THE CAMPUS CAME TO FEEL MORE LIKE HOME THAN OUR OWN ROOMS.

BY LOOKING DOWN THE TWO MAIN COURTYARDS, ONE COULD LOOK BACK AT **132** YEARS OF **UMR** HISTORY. IT WAS INSPIRING AND ENCOURAGING TO THINK THAT MANY OF THE LEADERS WHO HELPED SHAPE THEIR TIMES ONCE ATTENDED CLASSES IN THESE SAME HALLS, AND STROLLED ACROSS THESE SAME GREEN GROUNDS.

THE **HAVENER** CENTER WAS BECOMING A REALITY. GROUND WAS BROKEN FOR AN AMBITIOUS **RESIDENTIAL COLLEGE**, TO MAKE ROOM FOR A NEW INFUX OF BRIGHT, PROMISING MINDS. THE FIELDS WE STUDIED WERE VIBRANT AND PROGRESSIVE; SO TOO WAS OUR **UNIVERSITY**. THE CAMPUS WOULD CONTINUE TO EVOLVE. THE PAST WOULD NOT BE DISCARDED, BUT INCORPORATED AND CHERISHED, STANDING AS REMINDERS OF THE LIVES AND TRIUMPHS OF SO MANY STUDENTS.



Right. The land surrounding the Rolla building looked quite different in the early days of MSM. It stands to this day, housing the Mathematics and Statistics Departments.

1871

ORIGINALLY THE ROLLA PUBLIC SCHOOL BUILDING, THE **ROLLA BUILDING** WAS PURCHASED FROM THE ROLLA BOARD OF EDUCATION FOR \$25,000, SECURING A PERMANENT HOME FOR THE SCHOOL OF MINES. IT WAS RENOVATED IN 1980 AND 1997.



Left. Quickly growing enrollment fueled the need for another building. A single-story, 12 room chemistry lab was built for \$10,000. Several expansions were added, and the building came to be known as "Old Chem". The 1969 fire was believed to be caused by old wiring.

1885

ORIGINAL CHEMISTRY BUILDING, "**OLD CHEM**," CONSTRUCTED. AN EXPANSION WAS ADDED IN 1938. THE MAIN BUILDING BURNED DOWN ON OCT. 19, 1969, AND WAS REPLACED BY A NEW EXPANSION IN 1974. THE BUILDING WAS LATER RENAMED **SCHRENK HALL**, AND WAS UPDATED AGAIN IN 1980.



Left. "The Club House" was MSM's first dormitory. \$5,000 were allocated for construction. The students living there paid \$12 per month. It became the Director's Residence in 1937.

1889

"**THE CLUB HOUSE**" WAS CONSTRUCTED. ORIGINALLY BUILT AS A STUDENT DORMITORY, IT HOUSED 2530 STUDENTS. IT LATER BECAME THE **CHANCELLOR'S RESIDENCE**.



Left. Norwood Hall was created as the Main Administration Building. It housed the departments of electrical engineering, physics, and geology. It also served as the library, containing 5,000 books by 1906. It was named after John D. Norwood, a physicist and dean of the Medical School at the University of Missouri.

1895

MINING & METALLURGY BUILDING CONSTRUCTED. THIS LATER BECAME THE CAMPUS POWER PLANT UNTIL A PERMANENT BUILDING WAS ESTABLISHED FOR IT IN 1945.



1902

MECHANICAL HALL CONSTRUCTED. YEARS LATER, IT BECAME **MECHANICAL ENGINEERING ANNEX** WHEN THE NEW **MECHANICAL ENGINEERING BUILDING** WAS PUT UP

1903

NORWOOD HALL CONSTRUCTED. RENOVATED IN 1950's, 1977, AND 1992.

1909

METALLURGY BUILDING CONSTRUCTED. THIS BECAME THE **ENGINEERING MECHANICS BUILDING** IN 1980, AND LATER THE **BASIC ENGINEERING BUILDING**.

Above. Having served several roles, what became the Basic Engineering Building had a distinct appearance that made it easy to recognize throughout the history of the campus.

1912

PARKER HALL CONSTRUCTED. RENOVATED IN 1961, 1970's, AND 2002. ORIGINALLY SERVED AS THE LIBRARY, AUDITORIUM, AND AN ENGINEERING LAB. WITH THE 1970's RENOVATION, THE LIBRARY WAS REMOVED AND ADMINISTRATIVE OFFICES WERE ADDED.



Left. At a cost of \$70,000 to build, Parker Hall was named after Luman F. Parker, an attorney. The 550-seat auditorium it originally contained was the site of many dances and band performances. In 1916, the Rollamo Board raised funds for the yearbook by showing movies every weekend. Admission was ten cents.

1915

JACKLING GYMNASIUM BUILT. ONE OF THE OLDEST BUILDINGS ON CAMPUS, IT WAS RAZED IN 1965 TO MAKE ROOM FOR THE NEW LIBRARY.



Left. Built during a relative dry spell for construction, Fulton Hall was the only addition to the campus in 23 years. It was named in 1957 after Charles H. Fulton, who served as director of the college from 1920 to 1937. Fulton was a nationally known metallurgist of his time.

1923

FULTON HALL CONSTRUCTED. RENOVATED IN 1951 AND 1974. ORIGINALLY THE MISSISSIPPI VALLEY EXPERIMENT STATION OF THE US BUREAU OF MINES, IT WAS RENAMED FULTON HALL IN 1957. THE COLLEGE OF ARTS AND SCIENCES OFFICE MOVED IN IN 1994.



Left. The completion of the new Mechanical Engineering Building made a great contribution to bringing new engineering fields to MSM-UMR. The controversy over keeping the school's focus solely on mining and metallurgy started as early as the late 1890's.

1940

HARRIS HALL CONSTRUCTED. RENOVATED IN 1973 AND 1988. ROTC PROGRAMS MOVED TO HARRIS HALL IN 1988.



Left. Harris Hall was named after Elmo G. Harris, director for MSM from 1891 to 1893. Harris Hall was the only campus building to be constructed from Works Progress Administration funds.

1945

POWER PLANT BUILT.

1948

MECHANICAL ENGINEERING BUILDING CONSTRUCTED. THIS PROJECT PLAYED A PART IN A SERIOUS CONTROVERSY. IN THE LATE 30's AND 40's, MANY OPPOSED THE INTRODUCTION OF ENGINEERING PROGRAMS AT MSM BECAUSE THEY FELT IT EXTENDED BEYOND ITS ORIGINAL SCOPE OF MINES AND METALLURGY. MANY WANTED MSM TO BE INDEPENDENT OF THE UNIVERSITY OF MISSOURI. MOST LIBERAL ARTS PROGRAMS HAD BEEN CUT AT MSM TO AVOID DUPLICATION OF PROGRAMS WITH UM. THE COMPLETION OF THE ME BUILDING IMPROVED THE STATUS OF NONTRADITIONAL MSM MAJORS, AND ENCOURAGED NEW ENGINEERING PROGRAMS.

1949	MINER RECREATION BUILDING CONSTRUCTED. RENOVATED IN 1985. MINER REC WAS ONCE THE HOME OF THE SOLAR CAR TEAM.
1950	KELLY HALL CONSTRUCTED.
1958	EMERSON ELECTRIC COMPANY HALL CONSTRUCTED. RENOVATED IN 1997.
1958	DORMITORIES ALTMAN HALL, FARRAR HALL, McANERNEY HALL, AND RAYL CAFETERIA CONSTRUCTED. THESE, ALONG WITH KELLY AND HOLTMAN HALLS, WERE NAMED AFTER UMR ALUMNI WHO DIED IN WORLD WAR II. RENOVATIONS TOOK PLACE IN THE EARLY 1980'S.
1959	BUTLER-CARLTON CIVIL ENGINEERING BUILDING CONSTRUCTED.
1960	NUCLEAR REACTOR CONSTRUCTED--THE FIRST IN MISSOURI. TRAINING FACILITIES WERE ADDED IN A 1978 RENOVATION.
1960	UNIVERSITY CENTER-WEST CONSTRUCTED. IN 1982, THE ST. PAT'S BALLROOM WAS CONVERTED TO THE CAMPUS BOOKSTORE.
1960	GOLF PRO SHOP CONSTRUCTED.
1963	PHYSICS BUILDING CONSTRUCTED. MINOR RENOVATIONS WERE CONDUCTED IN 1978 AND 1985, BUT THE BUILDING'S APPEARANCE ACTUALLY CHANGED VERY LITTLE.
1966	THOMAS JEFFERSON RESIDENCE HALL CONSTRUCTED. IN 1982, THE SOUTH TOWER WAS ADDED.
1966	HOLTMAN HALL CONSTRUCTED. RENOVATION IN 1982.



Left. After its construction, the Civil Engineering Building was later named after Joe Butler, chair of Civil Engineering from 1931 to 1955, and Ernest "Skip" Carlton, who served as chair from 1956 to 1965.



Left. Most MSM-UMR students from the last 30 years would notice something absent from this picture of University Center-West. The Puck wasn't added until 1972.



Left. The Physics Building was one of the last in a flurry of construction between 1945 and 1963. In that time, \$20 million was spent on 15 construction and renovation projects.



Left. The towers of Thomas Jefferson Hall were a recognized landmark to many who came to Rolla. The tallest building in Rolla, TJ was operated by a private company until 1973. It was acquired by the University in 1976.

Below. The keynote speaker for Omicron Delta Kappa's leadership conference, James Malinchak makes sure the audience stays lively. Malinchak made several strong points about leadership, but emphasized above all, "Treat others as you'd like to be treated, and be willing to help people." Photo by Ryan Bales.



CELEBRATE Integrate

IN THE FACE OF DIVISIVE WORLD EVENTS, THERE WAS PERHAPS A GREATER MOVEMENT TOWARD UNITING THE STUDENT BODY'S VARIOUS CULTURES THAN EVER BEFORE. SOME SPECIFICALLY PRESENTED CULTURAL DIFFERENCES, SUCH AS THE EVER-POPULAR DIWALI NIGHT AND INTERNATIONAL STUDENTS' DAY. THE STUDENT UNION BOARD AND STUDENT COUNCIL SPONSORED MANY EVENTS AS WELL. GUEST SPEAKERS PROMOTED TOLERANCE, ACCEPTANCE, AND REVEALED THE DISADVANTAGES WE PUT OURSELVES AT WHEN WE REJECT OTHER POINTS OF VIEW.

DIVERSITY IN CULTURE EXTENDED BEYOND NATIONALITY, HOWEVER. RELIGION, GENDER, POLITICAL VIEWS AND SEXUAL ORIENTATION ALL CATEGORIZED THE STUDENT BODY. IN OCTOBER, THE DAVINCI SOCIETY BEGAN CONTROVERSY WHEN THEY CHALKED MESSAGES ON SIDEWALKS TO EXPRESS THEIR VIEWS. PROTESTS AROSE IN FEBRUARY AGAINST AMERICA'S ACTIVITIES IN THE MIDDLE EAST. SOME WOULD SUGGEST THAT SMALL-TOWN ROLLA WAS SECLUDED FROM MANY ISSUES OF THE DAY. WE CLEARLY DEMONSTRATED THAT WAS NOT THE CASE: WORLD EVENTS HAD A VERY REAL IMPACT ON OUR LIVES.

UMR'S RICH HISTORY AND LONG-STANDING TRADITIONS GAVE STUDENTS PLENTY TO CELEBRATE. IN THESE OPPORTUNITIES FOR CAMARADERIE—HOMECOMING, ST. PAT'S, BLOCK PARTY—WE DISCOVERED THE COMMON GROUND WE SHARED. EVERY DAY WAS AN OPPORTUNITY TO CELEBRATE WHO WE WERE INDEPENDENTLY AND COLLECTIVELY.

Below. Shillelagh-crafters take advantage of a beautiful day to raid rubber reptiles. Photo by Dave Denney.



Above. Diwali Night offers students and the Rolla community the chance to experience several traditional rituals that accompany the celebration. Photo by Erin Long.



Left. Jay Phillips, a comedian performing at SUB's Welcome Back night, relates a painful skiing experience. Much of Phillips' routine involved jokes about racism. "I try to make racism sound stupid, because that's what it is," Phillips said. Photo by Ryan Bales.

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homecoming

by Sharon Sebastian

2002

A time-honored tradition, Homecoming meant a great deal to many people. It served to rally students' school spirit, offered a time of relaxation for some, and for others, filled the week with a sense of competition.

"For a college, homecoming is an opportunity to provide just that, a time for graduates to come "home" and see friends and the campus. But for those who are here now, it seems to be a reason to plan a good time for all," Dr. Ralph Flori, Basic Engineering professor, said.

With "The Fifties" as the theme, there were plenty of theme-related special events to supplement traditional homecoming activities. The football game, coronation, and Jello wrestling were all good oldies, of course. Car connoisseurs of all ages appreciated the Cruise-In, where a diverse array of classic cars was displayed in the Multi-Purpose building parking lot. The Rolla Cruise-In Committee supplied the multitude of classic and new cars and trucks. Joseph Ricca, organizer of the event, was particularly pleased.

"I enjoyed the show and well over 300 people stopped to see the vehicles. It seemed like everyone had a good time," Ricca said.

Other events included the Danny and Sandy look-alike contest, the Dance-Off, and the first homecoming dance to be held in three years. Several couples participated in the look-alike contest and the dance-off. The theme was carried off well; the T-Birds and the Pink Ladies would have been proud of the couples participating.

The dance didn't enjoy as much success, however. Many events were scheduled for Saturday night, which might have drawn some students away from the dance.

"I think there would have been greater attendance at the dance if there had been better notice," Dustin Miller, Biological Sciences major, said.

Time-honored traditions still seemed to be the strongest part of homecoming.

"I think my favorite event is the game. Everyone seems to be in the highest spirits, and everyone is happy," Sondra Terry, Architectural Engineering major, said.

The weeklong event concluded with coronation; its ceremonious nature provided the strongest link for all who participated to the traditions of the university.

"Homecoming is a time for us to celebrate our traditions and welcome back those who have come before us," Jamie Ferrero, homecoming queen, said.



Above. After being named Homecoming Queen, Jamie Ferrero enjoys the company of her parents. Photo by Nancy Lentz.



Above. The 2002 Homecoming Court: Joe Dersch, 3rd runner up; Derek Schmitz, 2nd runner up; Martin Rust, 1st runner up; Brian Anderson, King; Jamie Ferrero, Queen; Kristen Reynolds, 1st runner up; Sondra Terry, 2nd runner up; Amber Vogt, 3rd runner up. Photo submitted by Homecoming Committee.



Above. Brian Anderson and Jamie Ferrero are announced Homecoming King and Queen, and pose after being presented with. Photo submitted by Homecoming Committee.



Left. At the first Homecoming Dance to be held in several years, Lisa Hartman and Kyle Lampe get into the swing of things. Their dancing dexterity won them first place in the dance contest put on by SUB. Photo by Dave Denney.

Below. Jell-O wrestling is an intense, emotional sport. Photo by Erin Long.



Above. Though amusing to outsiders, these Jell-O wrestlers take their sport very seriously. Photo submitted by Homecoming Committee.

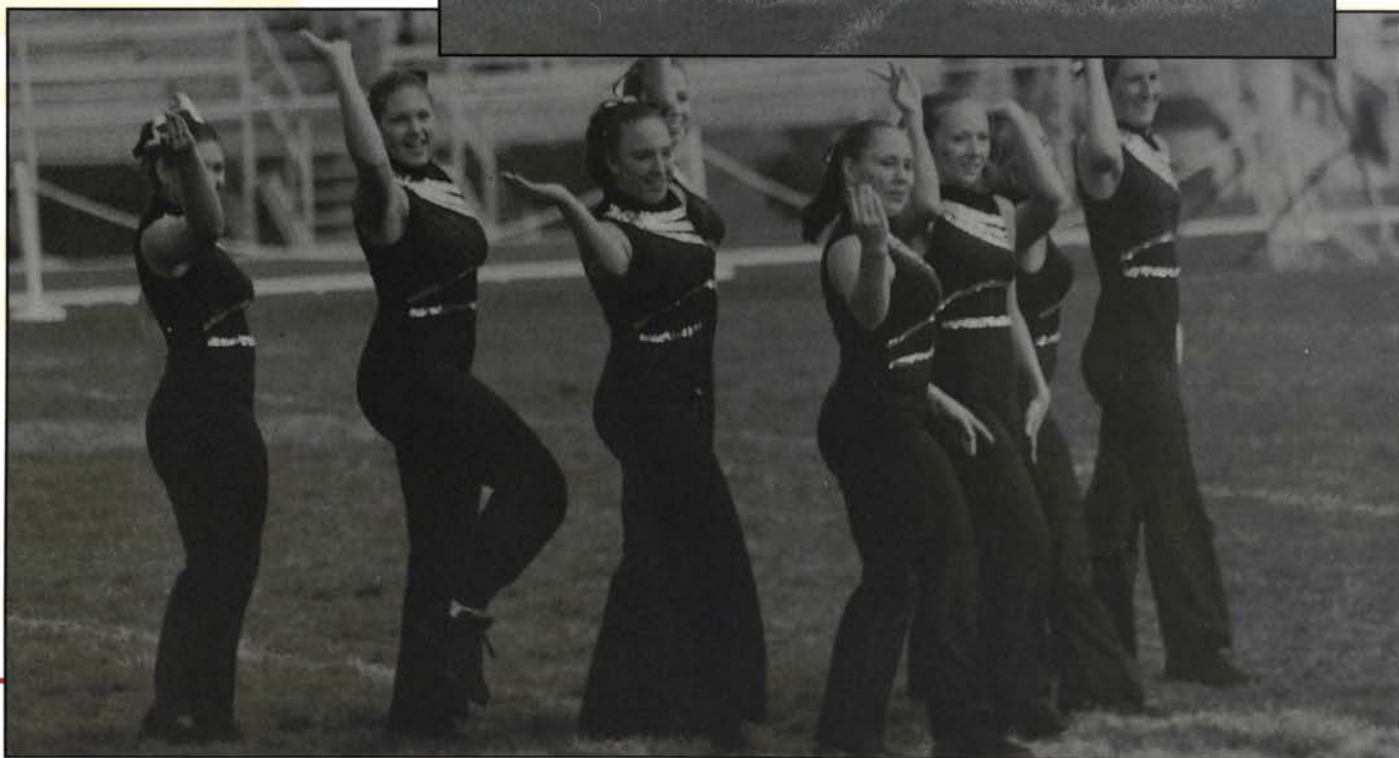
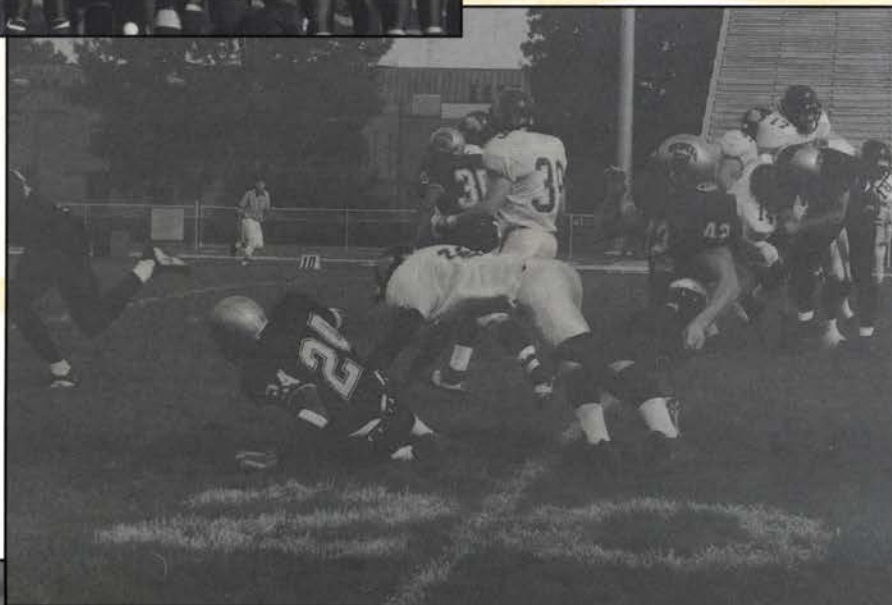
Right. The Cruise-In, sponsored by the Rolla Cruise-In Committee, drew in many car enthusiasts throughout the day. Photo submitted by the Homecoming Committee.





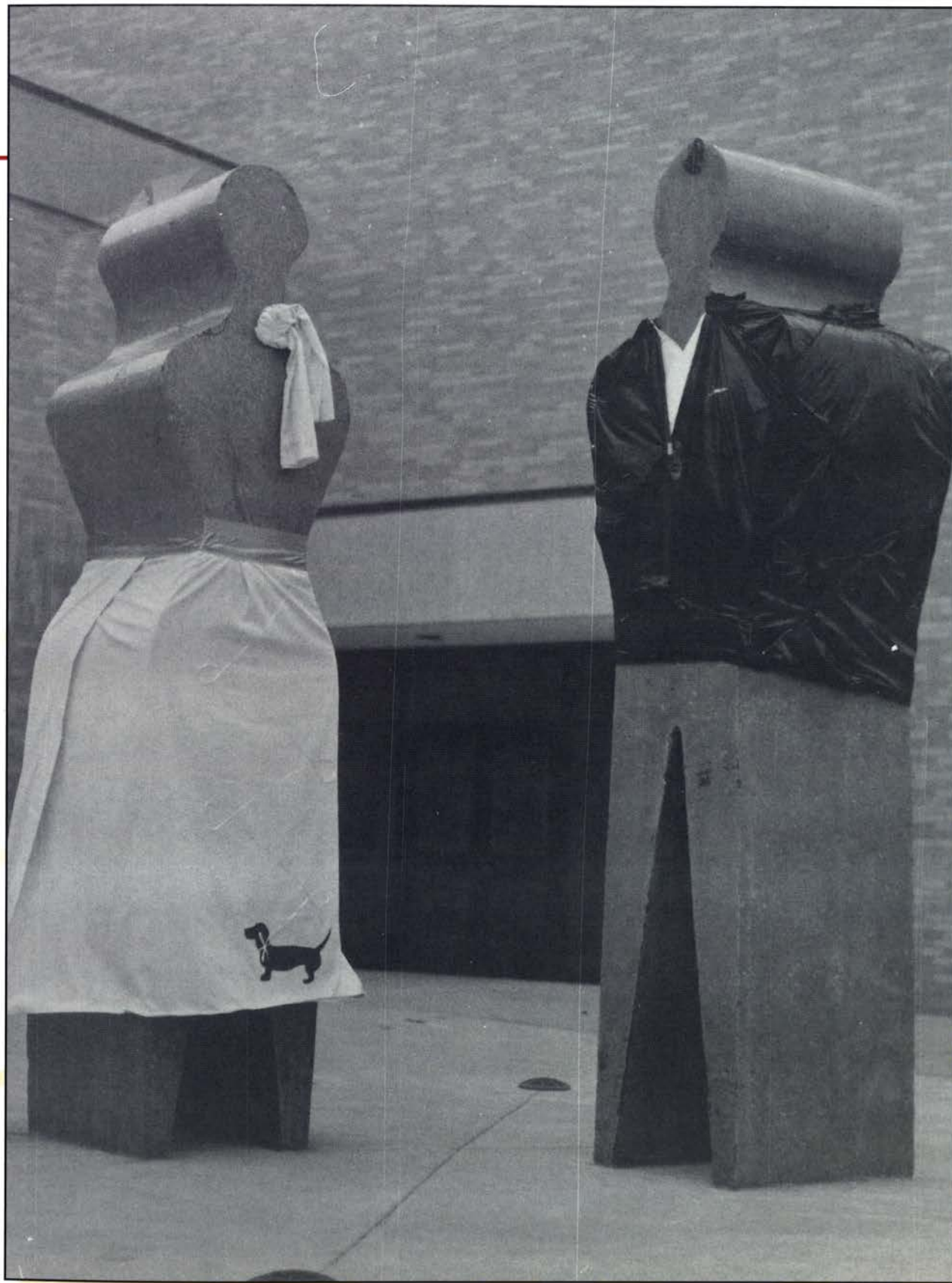
Left. And so begins the battle for the Homecoming Game against Missouri Western. Photo by Erin Long.

Below. Though they were behind, the Miners demonstrated unyielding hope and effort throughout the game. Photo by Rachel Struby.



Above. The Gold Miners rally spectators' support and encourage the team.

Above. Even the Millenium Arch gets into the fifties theme.



Greek Week

by Sharon Sebastian

The year was full of reasons to celebrate; thus, being a college full of spirited individuals, there were many celebrations. St. Pat's, Block Party, and Homecoming were opportunities for all students to relax, compete, and socialize. Greek Week, however, was perhaps the single most spirited specialized festivity on campus: a week for students in fraternities and sororities to take pride in their respective houses, and in the community that they collectively formed.

The week's festivities started off with opening games. The games included volleyball, Ultimate Frisbee, horseshoes, and a gladiator joust; points were fairly distributed among the houses with no clear leader.

Best Story About a God, Best Impersonation of a God, Best Display of USA, and Ten Things I Love About Greek Week were just a few of the Idi-Odysseys at the Puck. Kappa Sigma took the lead, followed closely by Sigma Nu. Zeta Tau Alpha led for the ladies.

By the end of closing games, competition remained tight. Pi Kappa Alpha was first in points, with Kappa Sigma, Sigma Pi, and Sigma Nu all within 10 points of taking the lead. Due to a strong showing at opening and closing games, Sigma Pi won the overall games trophy. By the end of the week, however, Kappa Sigma won first place for the week among fraternities, while Zeta Tau Alpha maintained their lead among the sororities.



Above. ZTA's Queen Candidates: Michelle Vorlund, Vasu Trisal, Stephanie Buffa, Amy Bone, Cody Rhodes, Heather Stracke.



Above. A common sight during Greek Week, arm wrestling is irresistibly interesting.

The week's events drew interest from the entire spectrum of students, but to those who weren't part of the Greek community, the significance of Greek Week may have been a little obscure.

"Different Greek houses have different brotherhoods because most people only really get to know the people in their own house, so for all the houses to get together and celebrate and compete is enjoyable—and to some degree, a chance to boast that your house and brothers are the best on campus," Brent Schumer of Lambda Chi said.

The unity that Greek Week provided was apparent. Most members of the Greek community agreed about what the goal of the celebration was.

"Greek Week is a celebration of what it means to be Greek. By competing among friends, we have the opportunity to show our pride," Jane Diecker of Chi Omega said.

One then wondered what exactly it meant to be Greek. There was no exact answer. Those who participated firsthand felt it was largely a positive experience, but those who only observed the week's revelry occasionally got the wrong idea.

"Being Greek has many misconceptions that I'm sure everyone is aware of," Schumer said. "I had people telling me what 'being Greek' was all about, and they weren't Greek, and then I found out that it's nothing like that at all. It's not *Animal House* all day, every day. It's not even like that on most weekends."

Above all, the event was a chance to promote friendship and goodwill within and among the Greek houses.

"Being Greek means joining a group of people that shares a common bond, but at the same time it encourages you to be yourself and realize your potential," Vasu Trisal of Omega Chi said. "Greek Week is an opportunity for all of us to come together to celebrate that."

Jane Diecker

"To me, being greek means being part of a greater whole. We are a community and what affects one sorority or fraternity affects us all."

Jeff Henderson

"Being greek means that there are friends that you will have throughout your college career and the rest of your life."

Vasu Trisal

"I know I could not have coped with the tragedies of this semester without the support of my sorority sisters..."

Grant Mobie

"Being a part of something larger than yourself, working together to accomplish goals, and developing meaningful friendships."



Left. At the carnival held at Lion's Club Park, spectators watch Zeta Tau Alpha's literal entry in the Chariots of Fire competition. Photo submitted by ZTA.



Right. Players demonstrate that even touch football can be an intense sport. Photo submitted by ZTA.



Above. Though these girls might look serious, this mud wrestling match really is just in good fun. Photo submitted by ZTA.

Right. At the Greek Week carnival, Michelle Vomund deals the next hand. Photo submitted by ZTA.



Located in the middle of the Midwest, many would expect the UMR campus to be a place with fairly limited cultural activity. All it really took was a walk around campus to see that this was clearly not the case. Walking through the campus, many different languages could be heard. This could be attributed to the fact that about 13 percent of UMR's students were international. In fact, a series of events took place through the past year to showcase ideas, history, and culture of the various countries of origin for many UMR students.

Diversity Week took place during the last week of February. Several ethnic organizations held events during this week to help draw attention to their culture. On the Thursday of that week, SUB brought in speaker Shanta Driver to discuss affirmative action and the lawsuit filed against the University of Michigan regarding affirmative action as part of a series of social awareness programs. Shanta Driver is the national coordinator of United for Equality and Affirmative Action and national director of the Coalition to Defend Affirmative Action and Integration. The following week, SUB brought in Preacher Moss. He was a comedian with an anti-racist message.

Dinner To Jazz, an annual event sponsored by the Association for Black Students, attracted nearly 200 people to Centennial Hall in UC East. This was the largest crowd the program has drawn in its six-year history. The event cost \$10 for students and \$15 for the general public. The audience was treated to a catered dinner of southwest chicken fettuccini, and was able to listen to live music. The UMR Jazz Band, the usual opening act for the evening's entertainment, could not make it to the event to perform. The band Under the Influences, performed double duty covering two sets, playing what Adam Moore described, "contemporary music with a jazzy flavor."

Below. At International Students' Day, many countries were represented by displays of their unique cultural art, literature, and day-to-day lifestyle, such as this Turkish display. Photo by Dave Denney.



"Your significance is not in your similarity to others. It is in your differences."

- Mike Murdock

diversity

by Dave Bryant



Above. At Cultural Night in the Multicultural Center, these students line up to sample the myriad of ethnic cuisine offered. Photo by Matt Bayne.

Below. Helping with the Diwali Night celebration in Centennial Hall, Kapal Nema and Sara Alambara perform a folk dance. Photo by Erin Long.





Above. With the supporting voices of Ms. Luvy Myers, Stephanie Velez, and Dr. Halvard Nystrom, Jaclyn Noroño performs songs of Venezuela. Photo by Matt Bayne.



Above. At the International Students' Day exhibition Leye Agbaje and Orabosa Omoregie show native Nigerian dress while answering questions at their display booth. Photo by Matt Bayne.

Below. Moved by a lively beat, these students show how it's done at Dinner To Jazz. Photo by Erin Long.



Below. Samira from the Belly Dance Mirage Group performs a belly dance in the Cultural Show portion of International Students' Day. Photo by Matt Bayne.

(cont.)

The event was planned in conjunction with the National Society of Black Engineers, who held their awards ceremony during the night. The secret to the success of this year's Dinner To Jazz was attributed to two things. The first was advertising, which began in January as soon as the planning for the event was complete. The other reason was, as Adam Moore described it, "A band who had more energy, were more involved, and were able to get a lot more people dancing... They made the night fun even for people who didn't like jazz."

International Students' Day, March 9, was one of the greatest showings of diversity the campus experienced. "It was such a big success because everybody worked like a family," Harshani Wijewardane said. The event was planned by the International Students' Club, and received a little extra funding from Student Council. In all, the event cost about \$3500.

The day consisted of a variety of activities, beginning with an exhibition in which the participating countries could show off traditional styles of dress, history of their native countries, and give enriching information about the main components of their cultures. The exhibition was followed by lunch, which consisted of foods presented by students from various nations.

After an ethnically diverse meal, the cultural show took place. A presentation of images from every country represented by UMR students started things off. A number of speeches, presentations, musical performances, dances, skits, and a fashion show followed.

"We have students from forty different countries at UMR, and this was a great opportunity for everyone who was interested to know about the different cultures

we have," Sony Mascree, ISC president, said. "This event is the culmination of all the efforts we put forward to make it possible. We have really talented students from around the world, and this was a venue for them to show their talents."

There were a variety of other events held throughout the year that had the intention of highlighting one or more cultural groups to promote social awareness. Some of these included Diwali Night, a sexual orientation open forum following the controversial sidewalk chalkings, the African Gala Night, and the Campus Unity Explosion. The year ended with a hate wall being created, on which people wrote hateful, slanderous remarks that had been said to them in their lifetime. The wall was then destroyed, symbolizing the need to not only tolerate, but embrace, the differences that define individuals.

So how did some minorities feel about UMR? Some international students give it their full support. "My personal opinion is that it is a great place to be in when you are coming from a foreign place," Sony Mascree said. "It is not big city that you can get lost in. It has a great community who is very supportive to the students. Most of the people have a smile in their face. You can feel more at home that way."

There was also a program offered by the university for international students called the International Friends Program, in which families from the community supported an international student. Each family provided a "home away from home" atmosphere for international students. The program is sponsored by International Affairs, and Student Activities generally finds matches among interested families and students. "It helps a lot for the students because it helps them overcome any homesickness they might get," Mascree said.

Below. A musician at ASA and NSBE's Dinner To Jazz event watches for his cue to perform.



Above. Models for the International Students' Day Fashion Show prepare to take the stage, presenting a wide range of clothing styles. Photo by Matt Bayne.

Below. Lucy Myers entertains the audience of International Students' Day with some traditional folk songs. Photo by Matt Bayne.



Above. The Multicultural Center also serves as a place where students from all backgrounds can come together to work on projects, just talk, or start their own little party. When it comes to celebrations, reasons aren't always needed. Photo by Matt Bayne.



Above. At Culture Night in the Southwestern Bell Multicultural Center, Ahmad Sharaf, Assane Dial, Omoghene Obahor, and Orobosa Omorezie demonstrate some African dancing. Photo by Matt Bayne.

Snowball

Dance

by Dave Bryant

On the cold evening of February 22, UMR students gathered in Centennial Hall dressed in formal clothes. What brought these students out in their nicest clothes on a night where several inches of snow had been predicted? It was Snowball, UMR's formal dance. An annual event sponsored



Above: Joe Ricca, Julia Roseman, Matt Becker, Lisa Hartman, Loan Huang, and Susanne Tide take their places after the court announcements have been made.

by RHA, this year's dance had the theme of "An Evening in Central Park."

This theme was chosen by an RHA committee headed by Suzanne Judd. Centennial Hall was decorated with lights, trees, and faux fountains to recreate the atmosphere of Central Park. Something Special, a florist in town donated a live arrangement to be used as a backdrop for pictures. "The decorations were absolutely gorgeous," Alexis Takir said. "I especially liked the fountains. They were so sparkly and pretty." SUB even donated its "intelligent lighting" system, which had never been used before. Decorating the room was a problem for the committee, as another organization had Centennial Hall the night before. They were very pressed to put the room together in time.

The students danced to many different kinds of music, from hip-hop and techno to rock and country. "The student DJs played a variety of music, and all the songs I requested even got played. It made me happy," said Karen Schindler.

Chartwelles catered punch and cake for the dancers, a departure from previous years, where there usually were only cookies, if anything, provided to eat. "I liked the cake. It was nice to have food here," Geoff Reedy said.

Of course, no formal dance would be complete without a king and queen ceremony. Each residence hall nominated a candidate, and the court was voted on by those in attendance. Matt Becker was crowned King and Lisa Hartman was crowned Queen.

Although it has always been open to all of campus, Snowball had been fairly unknown outside the halls in previous years. This year, however, a large advertising campaign was used to help draw in more people than the

usual crowd from the dorms. Fliers were sent to every organization, and the event was advertised in the e-connection. All of this advertising helped to make the dance much more successful than it had been in other years, bringing in approximately 80 people who are not from the dorms.

Despite some of the differences in the atmosphere, this year's

Snowball was similar to dances in previous years. "We use a similar system every year. It works well, so there's no reason to change it," Kathryn Sandefur, RHA co-chair, said.

The majority of the students had a great time. As Adam Truska said, "I had a lot of fun. It was a good opportunity to do something with my friends."



Above: Stephanie Joeschke and Joe Ricca are caught by the camera.

Below: Matt Becker and Susanne Tide.



Below: Peter DuBois, Dave Marshall, and Joe Clendenen.



Above: Peter DuBois and Shawna Mantia.



Above: Joe Ricca and Julia Roseman take a spin around the floor after coronation.



Above: A big turnout helped make Snowball a success.

SAINT PATS 2003

BY JONATHAN VAN HOUTEN

March 3rd was a cold crisp morning. Bright and early, the first bunch of freshmen hit the mall area of campus carrying large carved shillelaghs. The pit's guards were dressed for the occasion, ready to meet and greet them with snakes—snakes that UMR needed to be rid of. As the battle began, the air was filled with a chorus of voices.

"What do you love?"

"ST. PATS!"

"What do you hate?"

"SNAKES!!!"

"What makes the grass grow green?"

"BLOOD, BLOOD, BLOOD!!"

The shillelagh wielders swung their instruments over their shoulders one last time, delivering the final blows that finished the snakes in miserable deaths, allowing it's predator to bite off it's head.

Later that day, the St. Pat's Reps could be heard—as they had been since 25 DAZE—singing for great weather over St. Pat's to help make the celebration the Best Ever! Did you remember to get your Kelly Green? No? Well that's too bad since 2003 was the last year for Kelly.

Once Rolla was rid of all snakes, students, faculty and staff were free to travel safely to and from class. St. Patrick and his court were elected Thursday night. The 2003 court consisted of all 11 members for the first time in years (complete with nicknames): Nipple (Derek Bucheit) as St. Patrick, Gumby (Chris Brown) and Jason Sosa as Masterguards, Bobby (Tyler Jordan), Jon Stewart, Jonathan Van Houten, and J-Rod (Jared Wheaton) as Guards, Tails (Ryan Bequette) as Herald, Mic (Michael Henderson) and Brandon Tripp as Pages, then last but not least Ben Hall as Trumpeter.

The Court hit the town and excited people for the following week of fun and games. Monday March 10th, Follies were held at the Puck, hosted by Goose wearing



Above. Erik Timpson provides some stiff competition in the Leprechaun Look-a-Like Contest. Photo by Dave Denney.



Above. The 2003 St. Pat's Court and candidates. Photo by Dave Denney.

a jester's hat. Elson Floyd, University of Missouri President, came down to help celebrate with games that included greenest person, St. Pat's Jingle, Oldest Sweatshirt, and of course St. Pat's Sales Pitch with ladies in cutoff sweatshirts. The Court was in attendance for the jokes and entertainment presented by all of the groups competing. Tuesday's events were also held at the Puck with timed events.

The Court arrived Wednesday at the Bandshell, near the railroad tracks downtown, where St. Pat himself came riding into town on a handcart. St. Pat arrived on a green manure spreader pulled by UMR students. Chancellor Gary Thomas and other respected townsfolk gave praises to St. Pats and the students. The Leprechaun Look-A-Like contest was held, along with the Shillelagh and Walking Stick contests. (cont.)

Below. He's not green with envy--that's St. Pat's pride! Matt Lezner, from Lambda Chi, is a solid contestant for the Greenest Man Competition. Photo by Dave Denney.



Below. Some gentlemen from Sigma Tau Alpha present their fraternity's Show Shillelagh. It's the shillelagh to end all shillelaghs--by burning them. Photo by Dave Denney.



Above. The honor of pulling St. Pat in the parade falls to these men. Photo by Dave Denney.

(cont.)

All were presented and judged by The Court. Later that evening Theta Tau Omega held its annual Casino Night charity fundraiser, in which distinguished representatives of the community served as card dealers and other hosts. Students played games and used the fake money they won to bid on donated prizes, such as the Grotto's Big Screen Television.

On Thursday, March 13th, St. Pat's was in full swing. The students got the day off from classes to compete with their houses or dorms at the Gonzo Games. The large Cudgels, having been worked on all year, were finally unveiled to the public, while others spent time playing volleyball in the mud. Those who would rather just watch and socialized hung out in the beer garden talking with friends and alumni who were back in town. Friday's Games were very similar but a little drier with the Ten Man Boat Race, 12 Ounce Dash and the Bat Races.

Friday evening at Leach Theatre, Coronation is held at 9 pm. People entered under large snakeheads with glowing eyes. The St. Pat's Queens Candidates were introduced. Student knights kissed the Blarney Stone as St. Pat knighted them with his sword on both their shoulders. Then, the Honorary Knights of St. Patrick and his court were knighted and recognized for their outstanding achievements. The evening ended with the crowning of The Queen of Love and Beauty, Miss Nikki Rogge, and St. Pat declaring, "Let the Revelry Begin."

In the wee hours of Saturday morning, the St. Pat's Alumni took mops in hand and swept down Pine Street. Starting from 8th Street and going all the way to 12th Street, they painted anything and everything green for the beginning of the heart and soul of the St. Pat's Celebration: the downtown St. Pat's Parade. The Court led the parade, stopping off at the Grotto after breaking the spears and shields that they had used to protect St. Pat. The parade was loaded with floats created by fraternities, sororities, and dorms representing the theme "Famous Rivalries." The Parade also featured other attractions including the Shriners and Rural Fire Trucks.

Finally, to get the community more involved in the events, the Carnival of Knights was held at the Puck. There, The Court tested inflatable games, food, and got a massage or two. They judged the Car Show and listened to tunes, courtesy of Phat Albert and Freshwater Collins. The winners of St. Pats were announced and Alpha Epsilon Pi, was the overall winner.

The week was a success; Rolla was full of green spirit. As the celebration concluded, everyone looked forward to the next Best Ever.

Below. Derek Willers stands by the craftsmanship of Kappa Alpha's shillelagh. Photo by Dave Denney.



Above. When shillelaghs just aren't enough, the gentlemen of Kappa Sigma use a more technological approach to stamp out the snake invasion. Photo by Dave Denney.



Left. There are many ways to kill a snake, but none as rewarding as with a traditional shillelagh. Photo by Dave Denney.

Below. At the Bandshell, with St. Pat and his court in attendance, Chancellor Thomas addresses the revelers and wishes St. Pat well. Photo by Dave Denney.



Above. Though they weren't green, the entries in the car show were still festive additions to the celebration. Photo by Dave Denney.

ORGANIZATION KNIGHTS

Ben McCarthy; ACERS
 Courtney Buck, Alpha Epsilon Pi
 Preston Carney; ASCE
 Jason Estel, Beta Sigma Psi
 Mark Creason, Blue Key
 Heather Gravitz, Chi Omega
 Nicole Anglin, Delta Omicron Lambda
 James Henken, Delta Tau Delta
 Eric Caldwell, GAD
 Meghan Rogg, Gamma Beta Sigma
 Tim Robert, Interfraternity Council
 Matthew Terrybery, Kappa Alpha
 Alice Hollister, Kappa Delta
 Jevon Miller, Kappa Sigma
 Jason Reddy, Lambda Chi Alpha
 Amanda Gilbertson, Lambda Sigma Pi
 Harry Benhardt, Newman Center
 Liz Kalbac, NRHH
 Sylvia Skouby, Omicron Delta Kappa
 Adam Hale, Order of Omega
 Jane Diecker, Panhellenic Council
 Andrew Lugge, Phi Kappa Theta
 Nathan Bates, Pi Kappa Phi
 Kyle Lampe, QHA
 Dave Marshall, RHA
 Mark Tawfall, Sigma Chi
 Ryan Stecher, Sigma Nu
 James Dolson, Sigma Tau Gamma
 Ryan Wilson, Student Council
 Shawna Mantia, Student Union Board
 Drew Kuntemeier, Tau Kappa Epsilon
 Loan Hoang, TJHA
 Andy Geotz, Triangle
 Claire Elsea, Zeta Tau Alpha

Block Party

by Karen D'Souza

Hawaiian Luau

After two days of fun-filled action, with loud music blaring in the background, the Fourth Annual Block Party was a huge success. Organized by Blue Key, SUB, and several other organizations, a great deal of effort was put into the event. Cotton candy, liquid nitrogen ice creams, irradiated burgers, and laser tag, were just a few of the attractions that made

Block Party a success. Mark Creason, the head of the Blue Key Block Party Committee, was the man behind the scenes. Nearly all members of Blue Key and perhaps thirty or forty members of the SUB organized the event, setting up inflatable toys and calling in bands such as ZOZ.

"We're trying to make the Block party part of tradition at Rolla," Creason said. "It is an event that was organized so that students could relieve themselves of stress and strain. Students often complained about Rolla being a boring place, so we decided to give them something to be happy about: A weekend full of fun." Thousands of dollars were spent on making the block party an evening of action and excitement.

The 2003 Block Party was as successful and enticing as in previous years. While the party's hosts tried to hold it outside, wind and the threat of rainfall made that impossible.

Mark Creason was elected by Blue Key to be the head of the Block Party Committee, and was in charge of scheduling events. "I have fun organizing the block party. And yes, it does require a lot of work. All the stalls are managed by different organizations," said Mark. "We call in bands. We decide on a date. We're currently working with SUB."

Alpha Phi Alpha's step show made quite an impression at the party. "Well,

we practiced for the block party about a month prior to the show," Clarence Chaney said. "The block party is not just a tradition here at Rolla, it's also a tradition we have here at our fraternity. Personally, I've only attended two block parties, but then I've only been here two years. I think the block party this year was okay. But I really liked the laser tag game."

Typically, the members of Alpha Phi Alpha, Inc. performed twice a year at UMR. In addition to the Block Party, they traditionally performed during Homecoming Week-end. They competed in state-wide, regional and sometimes national competitions over the course of the school year.

It wasn't easy for the dancers to decide what steps to perform; a lot of work went into those decisions. They usually studied old performances and chose the steps that were easy to work with; however, it mostly depended on the step captain. "Sometimes, he might want to use some old steps," Chaney said. "Or he might make up his own. Andrew Cleveland, our captain, and Christopher Campbell, one of our members, decided to chop it up and add a little school flavor to it. On occasion we use other students as part of our act, but the stepping is only done by the members of our fraternity." They

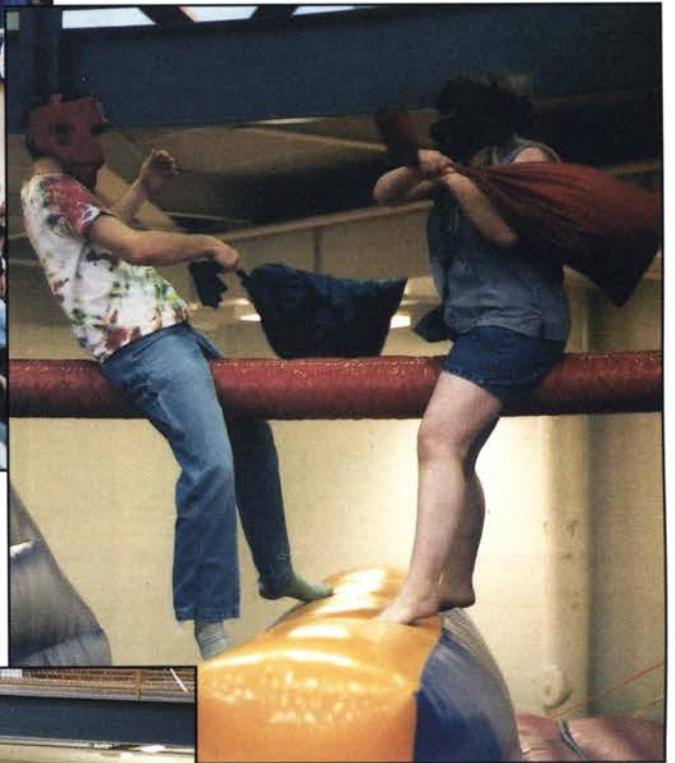
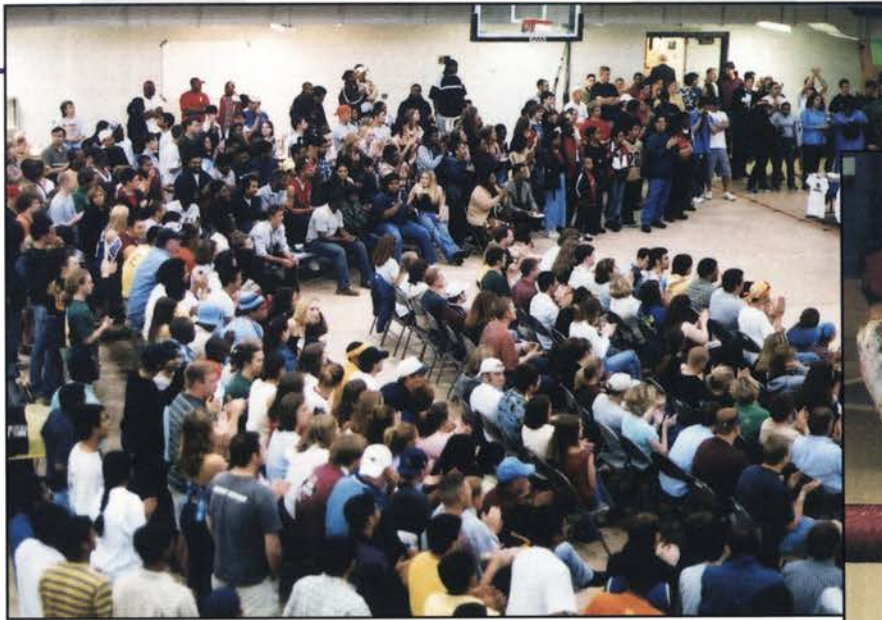
practiced three times a week for about one to two hours. As the weekend of the Block Party approached, they began to work on their steps twice a day for about an hour.

The threat of rain may have forced the party inside, but that didn't dampen anyone's spirits. The variety of entertainment and activity made Gale-Bullman a booming place for the weekend.



Above: A future engineer tries his hand at controlling the Robotics Competition Team's cargo-hauling, crate-stacking robot. Photo by Brad Swaters.

Below. In anticipation of Alpha Phi Alpha's stepshow, nearly everyone attending Block Party flocks stageside of the Multipurpose gym. Photo by Brad Swaters.



Above. These girls demonstrate a form of battle much less brutal than the bouts of the Middle Ages, and much more amusing to watch. Photo by Brad Swaters.



Above and Left. Brothers of Alpha Phi Alpha demonstrate the trademark dexterity and rhythm of their house. Photos by Brad Swaters.



Above. It's a stretch to see who can best battle the bungee. Photo by Brad Swaters.

Right. The inflatable obstacle course allows students to behave in ways always forbidden by their parents. Photo by Brad Swaters.





Left. Just outside Multipurpose, Mike Touma and Stephan Kozlen help Mark Creason and Julie Portman make tie-dye shirts. Photo by Ryan Bales.

Below. After setting up their equipment, the band Zox performs a sound check. Photo by Brad Swaters.



Left. It's a scramble to the finish, but the most challenging part is yet to come as these students come upon a tight squeeze. Photo by Brad Swaters.

Campus 2003 MAN

by **Kate Caudill**

On the evening of February 1, 2003 seventeen men, representing a wide range of campus organizations, took part in Kappa Delta's Fourth Annual Campus Man competition. In previous years, the entertaining male pageant proved to be a very popular event. While fun for all involved, the pageant raised over \$2000 to be donated to Prevent Child Abuse America and to Phelps County Community Partnership.

"These organizations organize campaigns for the prevention of child abuse as well as lobby for litigation of child abuse laws," Stephanie Bormann, Kappa Delta sister, said.

The competition began as all of the men performed a choreographed dance to "I'm a Believer," followed by casual wear and beachwear competitions. The men didn't hesitate to flaunt their swim attire, often generating great applause—and sometimes, laughter—from the audience. One contestant donned an inflatable rubber ducky ring, while another creative person had fashioned a pair of swim trunks out of duct tape.

The talent competition included a great assortment of acts; some were comic, such as Chris Patterson's cheerleading skit and Erik Timpson's tribute to Chris Farley. Others were more sincere, such as William Viegas' touching rendition of "Amazing Grace," played on the trombone.

After dazzling the audience with masculine displays of formal wear, it was crunch time. Matt Gluesenkamp, representing TJHA, was announced Mr. Popularity, and the five finalists were selected: William Viegas, Carl Stunkel, Chris Patterson, James Duehning, and Omoghene Obahor.

The judges tallied the final scores, and the title of Campus Man went to Chris Patterson, representing Zeta Tau

Alpha. Chris's fellow candidates congratulated him cheerfully and with good will. After all, the goal of the evening was to have fun and contribute to a good cause.

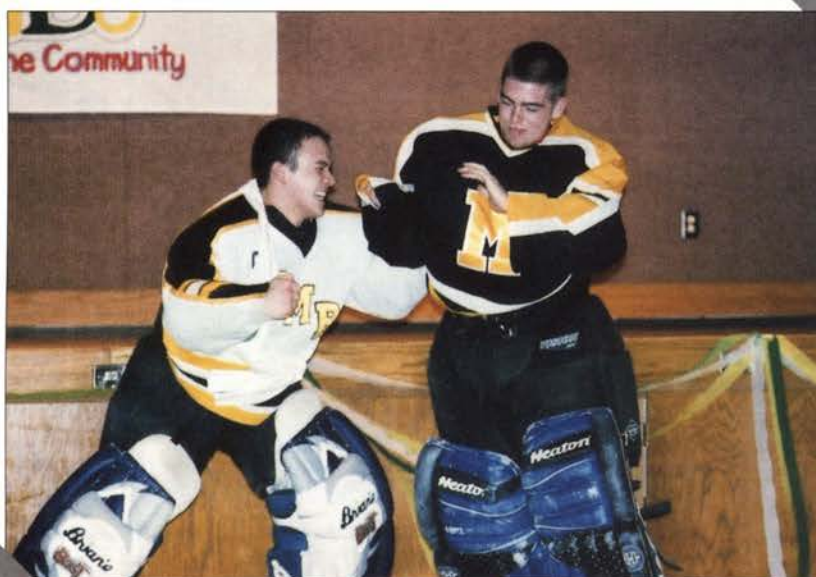
"I didn't care that I didn't win," Matt Gluesenkamp said. "It was a lot of fun, and it helped a lot of kids."

All in all, the evening was a great success. "My best estimates say that we've raised over \$2000; it may be more than that, however," Bormann said just after the event. "I think we have proven the evening's success. To contribute to a good cause and have fun doing it is a noteworthy achievement!"

Below. Omoghene Obahor, 3rd runner-up in the competition, plays a traditional African drum in the talent show. Photo by Erin Long.



Above. With an act that will be hard to follow, Erik Timpson gives a non-traditional performance in the swimwear competition. Photo by Erin Long.



Above. Leaning toward comedy, Jon Murray and Ricky Difani team up for their talent: hockey fighting. Photo by Erin Long.

Below. With great skill, William Viegas performs a moving rendition of Amazing Grace on his saxophone. Will was 1st runner-up in the competition. Photo by Erin Long.



Below. To start the evening off, the candidates perform a choreographed dance to "I'm a Believer". Photo by Erin Long.



Freaker's Ball

The annual Freaker's Ball concert and party put on by KMNR was more successful than ever before, thanks to a number of factors. The concert was held on October 30, 2002, and it attracted well over 700

Taking the stage second was the headliner, the Steve Ewing Band. Although they had been slated to perform last, it was decided that they should play second. The show was behind schedule, and rather than have students with early classes walking away grumbling, the organizers of the show decided to have the most popular band play early enough in the evening so that everyone could see them. "They helped to loosen up the crowd," Jason Mills noted.

The evening closed with Pomeroy, a rhythm-driven rock band who took the stage at approximately 12:30 a.m. The band was able to keep the crowd entertained and interested despite the fact that the show lasted until almost 2:00. "One of my favorite memories of the evening was the entire

crowd bouncing up and down to Pomeroy. But then, all the bands definitely connected with the crowd, and they all put on completely rocking shows," Mike Niebling, sophomore, said.

No Halloween event would be complete without costumes, and people came dressed up in



Above: Part of the success of Freaker's Ball was due to its location. The opening of The Uptown was greatly anticipated by many students, eager for a new social venue. Photo submitted by KMNR.

people, more than 600 of whom were UMR students.

The success of the event could be partly attributed to the location of the party - the newly renovated Uptown Theatre. The nightclub, which had formerly been a movie theatre until plumbing problems forced it to close in 1998, finished completion and opened that night. "The alcohol availability and proximity to campus were all key for the turnout," Bill Krekeler, a KMNR DJ, said.

The bar atmosphere and new concert venue were a big part of the event's drawing power. "I thought it was a pretty cozy place. Rolla is limited in its possible concert venues. Hopefully the owners can keep up the good work and make it THE place to see a live show in Rolla. Then maybe we can give some people a reason to stay in Rolla for a weekend or two a year," Jason Mills, another KMNR DJ, said.

"The Uptown was much nicer looking than I imagined, and the place was packed - crowded enough to make you think you weren't in the middle of nowhere anymore," Max Metzger said.

The evening's music began with Fever Pitch, a band whose heavy metal style quickly got the crowd riled up. A small but enthusiastic crowd enjoyed their show, especially after the security guards of the Uptown stopped trying to break up the small mosh pits that formed.



Above: Well before the crowd arrives, Matt Feldmeier prepares the array of sound equipment that will be needed for the evening. Photo submitted by KMNR.

droves. Some of the more colorful entries included a large group of girls dressed up as Crayola crayons, a pimp with an afro that stood more than a foot off his head, and a cardboard robot whose head was an old television with the screen removed.

Most of those in attendance enjoyed themselves. "It was great to get out of the dorm, hang out with some friends, and hear some great music," Adam Truska, sophomore, said. The staff at KMNR was also very happy with the evening. "I was very pleased with the results. Everyone that I talked to said they had a great time and look forward to next year's Freaker's Ball."

"Attendance was far over our estimates. It's the best thing ever to have an event go better than expected," said Matt Feldmeier, KMNR DJ who managed the sound during the concert.

Below. Another big event that KMNR plays a role in: St. Pat's. After the parade, Paul Keuss, Brent Cook, and a KMNR alum hang out in the station lobby. Photo submitted by KMNR.



Above. In coordinating attire, Heather Mehan and Stephanie McDonald are ready to go to the ball. Photo submitted by KMNR.



Above. Dave Meriwether, a KMNR alum, puts on a show during St. Pat's. Photo submitted by KMNR.

flash

BACK

Summer/Fall 02 News in Review

August

National Geographic

The mystery of the flying snake is determined. These flying serpents can be found along the west coast of India, and in some parts of Sri Lanka and Southeast Asia.

World News

Eastern Europe is hit with torrential rain causing flooding that has not been seen in centuries. The floods killed more than 100 people and caused the evacuation of hundreds of thousands of others.

September

National Geographic

A female white spotted bamboo shark who had not been around a male in six years gives birth to two babies. This shark was being kept at the Belle Isle Aquarium in Detroit.

US News

The US remembers the one year anniversary of the bombing of the world trade towers in New York City on September 11, 2001.

October

National Geographic

A mummified 77 million year old duck billed dinosaur was found in Montana. Named Leonardo, his fossilized skeleton was preserved, enabling paleontologists to study the soft tissue and the last meal in his stomach.

US News

Two men are arrested at a Maryland rest stop for allegedly killing 10 people and wounding three others. This would end the sniper attacks around the nation's capital.

World News

The Vatican announces that it will not approve the agreement reached by US bishops dealing with priests accused of pedophilia.



November



World News

The Prestige, a tanker carrying about 20 million gallons of heavy fuel oil, sank after splitting in two off the coast of northwest Spain.

US News

After lots of hard work in campaigning, Republicans expanded their majority in the House and regained the Senate.

US News

Reorganization of the federal government takes place when President Bush signs into law a legislation that provides for the Department of Homeland Security.



December



National Geographic

The top photo of the year for National Geographic is a photo of a shark attacking a helicopter. Posted on AOL, the picture was a hoax.

US News

Boston Catholic Archbishop Bernard Law steps down December 13th. This came after accusations that he did not take strong action to deal with sex scandal problems.

World News

During a summit in Germany, the President of Afghanistan, Hamid Karzai, signs a decree to replace the private militias in Afghanistan with a national army.



January



World News

Ariel Sharon, Israeli Prime Minister, believes in stricter policies than the Labor Party but not as harsh as Israel's religious right.

US News

Jeb Bush's daughter is charged with prescription fraud after trying to fill a false prescription in Tallahassee, Florida.

flash

BACK

Winter/Spring 2003 News in Review

February
February

US News

Space shuttle Columbia broke up during re-entry to the Earth's atmosphere. Columbia was carrying seven astronauts, including the first Israeli astronaut.

US News

NASA releases video of the re-entry of the space shuttle Columbia into the atmosphere.

March
March

World News

Xoran Djindjic, prime minister of Serbia, was assassinated in Belgrade.

US News

Judge says that the standards for admission at University of Michigan law school are unconstitutional because race is a factor in judging the applicants.

April
April

World News

After the announcement of Concorde's retirement, Richard Branson's Virgin Atlantic Airways wanted to buy British Airways' Concorde. British Airways refused to sell the Concorde.

US News

President Bush signs an executive order that would allow a person suffering from the SARS virus to be quarantined.

US News

Pakistani army helicopter crashes in a mountainous region of Northern Pakistan, killing 13 people.





May



US News

An experimental finding in the Columbia tragedy was coined as "significant." A gap was found after a piece of foam was shot at a model shuttle.

US News

The lawsuit against Kraft Foods that would prohibit the sale of Oreos to children because of the fattening nature of them has been dropped.



June



World News

The World Health Organization lifts the travel alert posted for Beijing because of the SARS epidemic.

US News

Martha Stewart is indicted by grand jury on nine counts of securities fraud and obstructing an investigation.



July



World News

US surveillance spotted an area in North Korea that "may or may not" contain a testing facility for missile sized nuclear weapons.

World News

The last 12 SARS patients recover in Beijing. Hopefully, this is the end to the SARS epidemic.

US News

Legendary actor and entertainer Bob Hope dies at the age of 100

flash

BACK

2002 - 2003

War in Review

August

- A tape of radio messages from 9/11 firefighters is made public.
- Trace elements of anthrax in a post office box near Princeton University.
- The government gives cash compensations to the relatives of the 9/11 attack victims.

September

- Over 1,400 relatives of 9/11 attack victims sue Iraq for more than \$1 trillion.
- On the first anniversary of the 9/11 attacks, the story of what Bush did on that day is changed by witnesses.
- The Congressional joint committee 9/11 inquiry hold its first public hearing.

October

- The State Department's propaganda office is reopened.
- Many in the US think that the war in Afghanistan is over.
- German authorities claim they're not getting the cooperation they need from the authorities in the USA.

November

- Saudi Interior Minister Prince Nayef blames Zionists and Jews for the 9/11 attacks.
- The US tightens immigration restrictions for 18 countries.
- A new audio tape supposedly made by bin Laden is broadcast by Al Jazeera.

December

- A Senate Select Committee on Intelligence investigating the performance of government agencies before the 9/11 attacks releases its final report.
- Henry Kissinger resigns as head of the new 9/11 investigation.
- Thomas Kean is named as the Chairman of the National Commission on Terrorist Attacks Upon the United States.

January

- It is reported that 22 cities representing 3.5 million residents have passed resolutions criticizing the Patriot and Homeland Security Acts.

February

- The Chicago Tribune reveals that there appear to be many more members of Mohamed Atta's Hamburg cell than previously realized.

March

- The US, Britain, Australia, and Poland send in troops to conquer Iraq.
- It is reported that "most members" of the 9/11 Independent Commission haven't received security clearances.

April

- Former CIA Director James Woolsey says the US is engaged in a world war, and that it could continue for years.

flash

BACK

Fall 2002 Local News in Review

UMR students Patrick Nolan Roberts and John Locke died in a car wreck

Three UMR students and one UMR employee were also injured in a collision that occurred five miles south of Rolla at the intersection of Highway 63 and County Road 7240.

UMR student Melissa Jordan died in boating accident at Lake of the Ozarks during a two boat collision

Jordan, 20 year old Miner, died August 31, 2002, after the boat that she was operating collided with a 32 foot runabout.

The enrollment of students at UMR increased 9.5%

This was the largest increase in enrollment since 1981. Enrollment was estimated to be 5,126 in the fall semester, increasing from the 4,681 attending class on the first day of the previous year.

UMR sophomore Brian P. Burford died during sewer accident in Iowa over the summer

Brian P. Burford, a 19 year old student from LeMay, MO, died July 8, 2002, after drowning during a sewer repair accident.



Aaron Buerge, UMR graduate, is "The Bachelor" for second season of ABC show

Aaron Buerge, 28 year old alumnus of UMR from Springfield, MO, starred as an eligible bachelor on ABC's reality show "The Bachelor"

Auto accident killed Emily Douglas and Daniel Irsik

Emily Douglas, a 20 year old Miner student from Granite City, IL, was pronounced dead at the scene of the accident in Maryville, MO, on October 6, 2002. Daniel Irsik, 21 year old student from St Joseph, MO, died October 8 from injuries from the accident.



Newman Center expands due to popularity

The Newmanites have been in the same center since 1967 but planned to expand with a new 9,000 sq ft Newman Center

PETA accused Kappa Sigma of animal torture after a videotape surfaced of bottlerockets being taped to a turtle

An anonymously-sourced video tape was given to PETA showing what the agency believes to be incriminating evidence against Kappa Sigma. The tape showed members of the frat securing and igniting bottle rockets and firecrackers on the back of a turtle.

Chartwell's experimented with weekend cafeteria services

Chartwell implemented a new meal schedule in which only one cafeteria was serving meals at any given time during the weekends. This was in an attempt to provide more variety of meals during the weekend hours without increasing the cost of the meal.

Decision made to have courses start later in the morning and begin earlier at night in the Spring of 2003

This change was made because of the low popularity of the 7:30 AM classes. Many people did not take the early morning classes, with their first class starting at 8:30 AM. The evening classes were changed in order to appeal to more non-traditional students.



Elson Floyd named new president of UM System

The University of Missouri System received a new president on November 13, 2002. Floyd will be in charge of the four UM campuses and the University Outreach and Extension.

Student activity fees in- crease by 57%

Student controlled activity fees increased due to the building of the Havener Center. All of the 57% increase will go to funding the building of the Havener Center.



Sigma Pi startled by gunshot

A bullet entered the fraternity's home the evening of November 12, 2002. Tom Hepperman was sitting at his desk when he heard what sounded like an explosion. Jay Gillis had a close call as he was getting ready to take a nap when the incident happened. The bullet went through his wall and bedframe, coming within a foot of where his head would have been.

UM tuition charges found illegal by court

A St. Louis Circuit Court found the University of Missouri System guilty of charging Missouri residents for classes after a class action lawsuit was filed by former students in 1998 for payment of in state undergraduate fees between 1995 and 2001.

Freshman engineering students tested can crushing inventions

About 20 groups of five students worked during the fall semester of 2002 to build something to crush aluminum cans, removing the tab and placing both into separate containers.

2002

flash

BACK

Spring 2003 Local News in Review

UMR swim team does well winning the first
three meets

The swimming team won its first three meets, with wins over St Louis University, Western Illinois University, and Oachita Baptist University.



Debra Robinson became new Vice Chancellor
of student affairs

Dr. Debra Robinson moved from her old position of associate vice chancellor for student and international affairs to the vice chancellor for student affairs.

University of Missouri system planned
not to close a campus despite budget
cuts

The university underwent a 10% reduction in state funds, dropping the UMR campus's state funding from \$52 to \$47 million.

Peace rally held at Puck for
anti-war supporters

Despite cold temperatures, a peace rally was held at the Puck to protest the war with Iraq. Over fifty students, professors, and community members showed up to protest the war.

Vote on budget cuts oc-
curred February 25

In an effort to balance the budget, Governor Bob Holden had to cut an additional \$82 million from the state programs, of which 25% will come from higher education.



Researchers at UMR to
work with tiles for
shuttles

Greg Hilmas and Bill Fahrenholtz began to work with ceramic tiles designed to withstand ultra high temperatures, such that might be encountered in the aerospace industry.

Deployments of troops
affected UMR Students

Because of the war with Iraq, some reserve units have either been called in or put on stand by, and thus affected students and staff that are in the reserves.

Students showed opposition to budget cuts

On February 25, about 300 Missouri students lobbied in Jefferson City. People from UMR, Northwest Missouri State University, University of Missouri-Columbia, Truman State University, and 23 other colleges and universities were in attendance.

Camelot presented by UMR Theatre

Camelot opened on Thursday, March 6, in the Leach Theatre in Castleman Hall.



Mark Ebel elected new student body president

Mark Ebel was announced the winner of the student body presidential election on March 7. He received 790 votes compared to his opponent, Andrew Draker's 478 votes.

Composite research grant presented to UMR by MoDOT

Bake sales held by Missouri General Assembly

Dr. Harvest Collier named as new Vice Provost



Lea-Ann Morton appointed new director of COC

Northwest Missouri State contemplated joining UM System

Blake Gray elected Editor-in-Chief for 2003-2004 of *The Miner*, the newspaper of UMR

Groundbreaking for first residential college at UMR



Budget crisis endangered Bright Flight

2003

Headlines obtained from *The Miner*, UMR's newspaper.

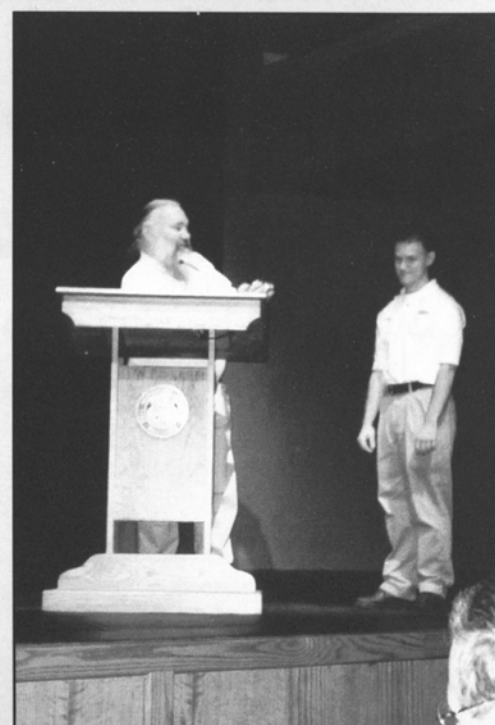
Academics

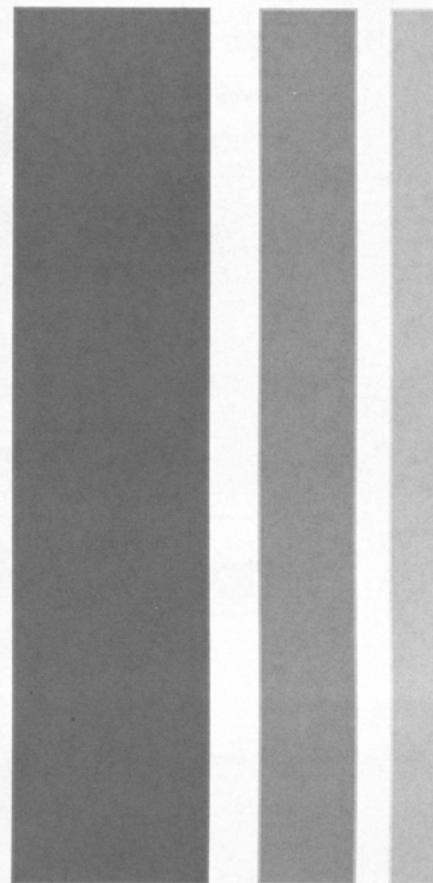
Military 46

Arts
& Science 47

Engineering 56

Mines
& Metallurgy 65





FROM DEPARTMENTAL TO SERVICE, SCORES OF ORGANIZATIONS WERE ACTIVE ON CAMPUS. AS MEMBERS OF THESE GROUPS, WE LEARNED TO LEAD, TOOK RESPONSIBILITY, AND EARNED RESPECT. WE PUT THE SUCCESS OF OTHERS BEFORE OUR OWN CONVENIENCE.

IT WAS THE YEAR OF THE SOLAR HOUSE TEAM'S FIRST COMPETITION. STUDENTS FROM UMR AND ROLLA TECHNICAL INSTITUTE TOOK LEADING ENERGY-SAVING TECHNOLOGIES AND COMBINED THEM INTO A SINGLE HOUSE. THEY TRAVELED TO WASHINGTON, D.C. AND SPENT A MONTH ON THE NATIONAL MALL TO COMPETE, DEMONSTRATE, AND PROMOTE SOLAR ENERGY.

THE SOLAR CAR TEAM UNVEILED SOLAR MINER IV, THE CULMINATION OF A TWO-YEAR DESIGN PROCESS, AND BUILT ON THE SUCCESS OF ITS PREDECESSORS.

OTHER GROUPS, SUCH AS THE SOCIETY OF WOMEN ENGINEERS AND WOMEN IN ENGINEERING AND SCIENCE WORKED ON REVITALIZING UMR WITH A JOINT LOCK-IN FOR PROSPECTIVE STUDENTS. MEANWHILE, TAU BETA PI AND MANY OTHER ORGANIZATIONS, DONATED FOOD, MONEY, AND SERVICES TO THE COMMUNITY.

THE GROUPS WE BELONGED TO BROUGHT OUT THE BEST IN EACH STUDENT'S CHARACTER. WE ROSE TO MEET EACH CHALLENGE IN TURN; IN DOING SO, WE ENCOURAGED OTHERS TO FOLLOW IN OUR FOOTSTEPS, AND TO TAKE INITIATIVE FOR THE BENEFIT OF THEIR FELLOW CITIZENS.

YEARN
Learn

Army ROTC

of staff: 9

New faculty: None

Retiring faculty:
None

Department Chair:
Lt. Col. Randy
Glaeser



Army ROTC Staff. *Front row:* Maj. Randy Glaeser, 2Lt. Valerie Metroff, and Msg. Steven Jones. *Back row:* Sfc. Stanley Love, Msg. Michael S. Rowland, 1Lt. Chad Pense, Maj. Eric Goser, 2Lt. Josh Steele, and Sgt. Randy Harrison. Photo by Erin Long.



Air Force ROTC. *Front row:* Dionna Dunning, Benjamin Pfeffer, Michael Jenkins, Jon Champion, John Romito, James Outland, Heather Moe, Daniel Huhmann, and Adam Gorrell. *Row two:* Scott Schulte, Tyrone Smith, Gentry Kramer, Mike Harms, J. Logan Stovall, Niles Grant, Steven Benz, William Sutton, Lee Thornburg, Patrick Prawitz, Leslee Roderick, Keith Hage, Brian Seabough, and Marc Armbruster. *Row three:* Joe Fritschen, William Capps, Raymond Fera, Isaac Eckert, James Dean, Chris Balsters, Jonathan Williams, Scotty Black, Michael Roetheli, Heather Gravitz, Brian Volner, TSgt Kerry Deen, and Major David Cox. *Back row:* Col. Paul Hamacher, Nathan Hedden, John Reed, Barrett Counts, Matt Moser, Matthew Neil, James Dolon, Joel Kovach, Wes Davis, Maj. Andrew Chancellor, and MSgt. John A. Beets, III. Photo by Erin Long.

In Retrospect

Dr. Ken Robertson was born in Dumas in the panhandle of Texas. He graduated with a Ph.D. in Physical and Analytical Chemistry from Texas A&M University in 1965. He then came to UMR at the invitation of Dr. McDonald, who was a professor in the Chemistry Department. Dr. Robertson has been here ever since, despite his original plan to stay for only about three years. At that time, it was common for young professors to teach at a small, respected university for a few years and then transfer to another school for better pay and tenure.

"I am happy with my choices," Robertson said. "The quality of both students and colleagues have kept me from regretting my decision to stay."

Dr. Robertson used to investigate solid-state chemistry. He determined structures using x-ray crystallography until advances in computer programming in the late 70's made funding difficult to obtain. However, in 1979 Dr. Robertson became Dean of Students. He served as dean for nearly a decade, and was succeeded by Dr. Wendell Ogrofsky. The position then became titled Vice Chancellor for Student Affairs, so Dr. Robertson was the last Dean of Students.

He took charge of the Freshman program when he returned to the chemistry department. His most challenging class was freshmen chemistry, where he taught thermodynamics to students who had never seen the concept before. However, his favorite class to teach was the upper-level statistical thermodynamics course. Any of his past students would agree that he was not tolerant in class.

"There are proper ways to do things," Robertson said. "But my students at UMR have never let me down."

Dr. Robertson's first classes at UMR had one predominant memory of him. Back when it was popular, he used to smoke in class. What made his habit unique was his cigars. He liked the ones with good, sturdy bases that could stand vertically. That

kept him from burning holes in his desks when he sat them down. His students tended to pay more attention to the cigars than to the lecture. They would watch, waiting to see if the ashes fell off before the cigar fell over.

Dr. Robertson's recent students remembered him for his coffee. He seemed able to engage in any number of tasks, all the while never spilling a drop. Another noticeable characteristic was his slow, steady walk.

"I stroll," Robertson said. "There is never anything important to race for. And my wife says I don't have to move fast as long as I move where I'm told."

Dr. Robertson says he has been happily married to Mrs. Kitty Robertson 'forever.'

"My wife is better known around town than I am," Robertson said. "People call me Mr. Kitty Robertson. I wouldn't have a social life if she didn't make me."

by Julie Portman



Ken Robertson

Hometown: Dumas, TX

Education: Texas A&M University (Ph.D., Chemistry)

Time at UMR: 33 years

Classes Taught: Chem 1, Chem 3

Research Interests: Crystal structure and magnetic and electrical properties of solids

Activities: Oil painting, drawing, poetry

Chemistry

of faculty: 24

of undergrads: 50

of grads: 65

New faculty: Dr.

Pericles Stavropoulos,

Dr. Charles Chusuei

Retiring faculty: None

Department Chair:

Dr. Ekk Sinn



Chemistry Faculty. *Front row:* Frank Blum, Ekkehard Sinn, Prakash Reddy, Nuran Ercal, and Charikli Sotiriou-Leventis. *Row two:* Philip Whitefield, Charles Chusuei, Pericles Stavropoulos, David Hoiness, and Paul Nam. *Back row:* Shubhender Kapila, Yinfa Ma, Jay Switzer, Oliver Manuel, and Tadashi Tokuhito. Photo by Ryan Bales.

Computer Science

of faculty: 15
of undergrads: 300
of grads: 90

New faculty: Dr. Daniel Tauritz, Dr. Jennifer Leopold

Retiring faculty: None

Department Chair: Dr. Dan St. Clair



Computer Science Faculty. Front Row: Bruce McMillin, Jennifer Leopold, Fikret Ercal, Frank Liu, Franck Xia, and Sanjay Madria. Back row: Daniel Tauritz, Ralph Wilkerson, Clayton Price, Dan St. Clair, and Chaman Sabharwal. Photo by Steve Landes.

Cooking Inspiration

by Julie Portman

Dr. Bruce McMillin has been teaching in the computer science department at UMR for fifteen years. When he's not working, he actually prefers to slave over a hot stove. He got his love for cooking from his mother, who enjoyed growing and preparing vegetables for the family. He learned to appreciate the taste of food newly picked from the garden, and carefully prepared to preserve the fresh taste.

"Preserving those flavors that you've really worked hard to raise does the food justice," McMillin said.

Recently Dr. McMillin and his wife have acquired a taste for French cooking. The special finesse required for many French recipes provides a rewarding challenge. During his trip to Napa he was privileged to meet the chef of a local restaurant called the French Laundry.

"[The chef's] main inspiration is the notion of using the best ingredients in the best way—at the professional level," McMillin said. "While my wife and I can never expect to achieve this level, it's a great inspiration for a hobby."

As their cooking expertise increased, the McMillins felt they could reward themselves with an improved kitchen. They enlisted a custom cabinetmaker to make mission-style cherry wood cabinets for their new kitchen. However, they did most of the remodeling themselves. They actually had to remodel most of their house when they moved in about five years ago, so they had some experience.

"We've been bringing back the house from ne-

glect," McMillin said. "It's been fun—after watching home improvement shows on TV for over twenty years, it was finally time to put this into action. After doing each type of project once though, I've found it's best to leave such things to professionals. This is a nice hobby, but I wouldn't quit my day job."

McMillin takes great pride in his 'day job.' He enjoys teaching the classes in which the material is unusually difficult and required classes that students are less interested in taking.

"This is the real challenge to do well," said McMillin. "If I can make the material interesting, or at least palatable, I can open up new areas of interest for the class."

Bruce McMillin



Hometown: Houghton, MI

Education: Michigan Technological University (B.S., Elec. Eng., M.S., Computer Science); Michigan State University (Ph.D., Computer Science)

Time at UMR: 15 years

Classes Taught: Data Structures II, Distributed Computing

Hobbies: Cooking, Gardening, Woodworking

Muse Tonight

-an original ghazal by Gene Doty

Since you're not here, I have no muse tonight.
Without you, I can't even sing the blues tonight.

Clouds stack in the southwest, chattering with storm.
Mars grows brighter bringing us the news tonight.

Cygnus hovers in the central sky darkness in its beak.
Fading, the moon, unseen, has little left to lose tonight.

In the sun-driven chariot, the pilot lies supine.
Deep in love, we discover one hundred clues tonight.

Now that you're home, I can close this file and retire.
Hey, Gino! despite yourself, you've paid some dues tonight.

Gene Doty

Hometown: Craig, CO (but grew up in Kansas)

Education: Emporia State University (B.A., English and Fine Art; M.A., English)

Time at UMR: 35 years

Classes Taught: Technical Writing, World Literature, Fantasy Literature

Hobbies: Reading, writing poetry, electronic publishing



Form

by Ryan Bales

Most professors at UMR published during their careers, but only a few managed to do so without including a single equation. Professor Gene Doty succeeds in describing the world in a much more natural and accessible manner: through language.

Professor Doty's key interests are in poetry and online publishing.

"Just about anything you want to do in poetry is research," Doty said. Much of his recent work has been with the ghazal (pronounced "guzzle"), an Asian poetry form with an unusual set of defining features compared to most popular English forms.

"I read about ghazals in a literary magazine and was intrigued," Doty said. "They have a very demanding form. I really like the jumps between couplets."

Professor Doty explored other poetry forms as well. "I've started to pick up on haiku again, too, so I'm not real sure what I'll do next."

Like many college students, Professor Doty didn't go into college with a clear view of what he wanted to do. Many fields appealed to him in his college days.

"In fact, I might have been a drama major my freshman year," Doty said. "Then I thought about a degree in philosophy, then art and art history, and finally English. By the time I decided on English, I was close enough to get an art degree so I finished that too."

In addition to poetry, Professor Doty enjoys fantasy, science fiction, and thriller forms of literature. For several years, he has published a webzine devoted primarily to ghazal poetry. He enjoys his work as many enjoy a hobby, and in class he tries to share that enjoyment with his students.

English

of faculty: 18

of undergrads: 47

of grads: 3

New faculty: None

Retiring faculty: Dr. Elizabeth Cummins, Dr. Nicholas Knight

Department Chair: Dr. Larry Vonalt



English Faculty. **Front Row:** Kate Drowne, Brenda Hammack, Larry Vonalt, Kristine Swenson, Elizabeth Cummins, Janet Zepernick, and Ann Peterson. **Back Row:** Bryan Salmons, Nicholas Knight, Jack Morgan, Gene Doty, Jim Wise, and Andrew Careaga.

History and
Political Sciences

of faculty: 8
of undergrads: 90
of grads: 1

New faculty: Dr. Jeff
Schram

Retiring faculty: Dr.
Jack Ridley, Dr.
Wayne Bledsoe

Department Chair:
Dr. Larry Gragg



History Faculty. Front Row: Russell Buhite, Jeff Schram, Patrick Huber, Jack Ridley, Larry Gragg, Tsegai Isaac, Wayne Bledsoe, and Michael Meagher. Photo by David Denney.

Philosophy

of faculty: 23
of undergrads: 7
of grads: No grad
program

New faculty: Ms.
Debbie Macey

Retiring faculty:
Prof. Joel Kramme,
Mrs. Wilma Turner

Department Chair:
Prof. Richard W. Miller



Philosophy Faculty. Front row: Shelly Plank, Regina Young, Ellen Arambura, and Lorie Francis. Back row: Gerald Cohen, Joel Kramme, Don Miller, and John Woodfin. Photo by Erin Long.

Terra Firma

Despite four shuttle rides to space, Col. Tom Akers was one of the most down to earth people UMR students had the pleasure of meeting. Schedules were often rearranged to accommodate one of his classes, and his students usually walked away with more than an understanding of calculus.

Freshmen learned about the resident astronaut soon after arriving. Becoming an astronaut, Col. Akers explained, wasn't really a part of his original career plan. "Being a part of NASA actually never entered my mind until I was at the Air Force Test Pilot School," Akers said. "I saw all the pictures of the original Air Force astronauts and thought, 'Hey, this might be something I could apply for someday.'"

Teaching had been his original career goal, and the desire to do that always stayed in the back of his mind.

"I love explaining something to someone and seeing the light bulb turn on," Akers said. "That's more satisfying to me than anything else."

After a long career in the Air Force as a test engineer, and as an astronaut, Col. Akers came back to UMR to teach math 24 years after attending as a student. Several things had changed in that time, but more important than the new buildings and faculty was the atmosphere of the campus.

"I believe the faculty now care more about whether the students are learning or not...but the down side of that is that students don't always take the responsibility for their learning like we did 30 years ago," Akers said. "My perspective on the school hasn't changed a lot. I still think it's the best school in the Midwest."

In addition to teaching, Col. Akers worked on obtaining surveying credentials so he could survey part time after retiring. He likes the thought of applying math and being outside at the same time. He greatly enjoys teaching, but it still isn't quite perfect.

"I still don't get to deer and turkey hunt as much as I'd like to," he said.

by
Ryan
Bales

Tom Akers

Hometown: Eminence, MO

Education: University of Missouri-Rolla (B.S., M.S., Mathematics)

Past Employment: National Park Ranger, High School Principle, Air Force Test Engineer, Astronaut

Time at UMR: 6 years

Classes Taught: Calculus 1-3, Differential Equations

Hobbies: Hunting, Fishing, Horseback riding, Restoring old cars



Photo courtesy of NASA.

Mathematics

of faculty: 20

of undergrads: 75

of grads: 22

New faculty: Dr.
Elvan Akin-Bohner

Retiring faculty: Dr.
William T. Ingram

Department Chair:
Dr. Leon Hall



Mathematics Faculty. *Front row:* Cyndi Miller, secretary, Vy Le, Matt Insall, Roger Hering, Wlodzimierz Charatonik, Vloddek Charatonik, Mary Kirgan, and Sharon Matson. *Back row:* David Grow, Tom Ingram, Robert Roe, Roman Dwilewicz, Tom Akers, Leon Hall, and V. Samaranayake. *Photo by Matt Allen.*

A New School Of Thought

By Toby Kurien

The School of Management and Information Systems (SMIS), established in September of 2001, is the first new school at UMR in over 60 years. It joins the School of Engineering, the School of Mines & Metallurgy, and the College of Arts & Sciences to complete the array of disciplines offered at UMR. The School of Management and Information Systems is also currently one of the fastest growing schools in the University.

Information Science and Technology (IST) is one of the degree programs offered by SMIS. The B.S. degree in Information Science and Technology incorporates the latest technology, including e-commerce, web design and networking. The Information Science and Technology program focuses on the application of information technology with a focus on users and organizations.

Dr. Richard Hall, Associate Professor of IST said, "The IST program has more emphasis on human interaction than Computer Science. There is more emphasis on networking, business and psychology."

By integrating Information Technology with Business Administration & Management Systems, students in this school emerge with a strong scientific and analytical background. Students are also trained in the crucial aspects of decision-making and work ethics.

The MS in Information Science and Technology is designed to educate students in the design, development, and successful application of information systems in organizations.

"As part of the School of Management and Information Systems, students are exposed to a blend of tech-

nology and management topics. The core curriculum for management students includes a number of IST courses and the core curriculum for IST students includes a number of management courses," Dr. Barry Flachsbart, Adjunct Professor of IST, said.

Dr. Flachsbart has taught courses as an Adjunct Professor since 1966, and has held a number of management positions in industry. He is also a Council member in the City of Chesterfield.

The only official tenure faculty in IST is Dr. Richard H. Hall. He is in a research group on virtual reality with Dr. Ming Leu of the Mechanical Engineering Department. Apart from this, Dr. Hall and his wife take meditation classes too. Another interesting feature of Dr. Hall is his colorful variety of ties.

The department is currently in a state of rapid expansion and one can hear a lot of drilling and carpentry work going on in the department. It has been recently relocated to Fulton Hall and is undergoing a massive series of transformation.

Two of the most prized skills in today's business world are the ability to manage information and the ability to manage people. The demand for business and technology in today's industry puts IST as a top choice for many companies. The future of the IST department looks very bright in terms of the demand for students graduated from IST.

"We hear from our Industry Advisors that companies need the blend of technology and management that our students obtain," Dr. Flachsbart said.

Below. Already home to the School of Arts and Sciences, Fulton Hall opened its doors to the newly formed School of Management and Information Systems.



Physics

of faculty: 18
of undergrads: 35
of grads: 27

New faculty: None

Retiring faculty:
None

Department Chair:
Dr. Paul Parris



Physics Faculty. Front row: Don Madison, Ralph Alexander, Max Benito, Paul Parris, Thomas Vojta, and Barbara Hale. Row two: Michael Schultz, Jerry Peacher, Greg Story, Carsten Ullrich Allan Pringle, and Ron Olson. Back row: John Schmitt, Gerald Wilemski, Bob DuBois, and Dan Waddill. Photo by Steve Landes.

Right. On one of Dr. Madison's trips around the world, he and his family visit with some kangaroos in Australia. Photo submitted by Dr. Madison.

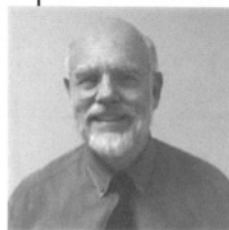
Around the World

by
Sharon
Sebastian

Dr. Don Madison was the youngest of six children to grow up on his parent's ranch in western South Dakota. In fact, the place where the buffalo were running around in "Dances With Wolves" was his old family ranch, now owned by a man who let the producers use his land in the movie.

While he was working as a post-doc at the University of North Carolina in Chapel Hill, he was testing what would happen if a heavily massed element was accelerated and directed at a solid. This experiment led to a concept that can be used in the treatment of cancer. These procedures were not used at the time and only were only later used in more widely. However, Dr. Madison professed strongly, "I did not invent, or help invent, the cure for cancer!"

Though he did not have a major medical breakthrough, Dr. Madison had 110 publications and 140 papers that showed how much work he and his students had done. Dr. Madison's research interests lie in the area of atomic collision theory (not atomic bombs!) and his work focuses on understanding the fundamental interactions between atoms, electrons, and their environment. This work has been continuously funded by the National Science Foundation since the early eighties. Dr. Madison encourages both graduate students and undergraduate participation in his research work. In recent years, three of his undergraduate students have won national awards for outstanding research. Also, one of Madison's graduate students won an international competition for the best research being performed by a young scientist. "The most important part of teaching is for the students to get involved in the learning and the research," Dr. Madison said.



Don S. Madison

Hometown: Pierre, SD

Education: Sioux Falls College (B.A., Math); Florida State University (M.S. & Ph.D., Physics)

Past Employment: University of North Carolina, Drake University

Time at UMR: 14 years

Classes Taught: Every physics class, no labs

Activities: Collecting toy trains, active in the Battered Women's Shelter of Rolla

The Mind of Sports

by Julie Portman

Dr. Christian End has been a psychology professor at UMR for only one year, but he has already established himself as an outstanding teacher. Students and faculty both have recognized him with such awards as the Eta Kappa Recognition for Teaching Excellence. However, Dr. End does not believe his teaching style is much different from other professors at UMR.

"I try to demonstrate how students can apply the information presented in class to their lives," said End. "I try to incorporate examples from popular culture into my lecture. I expect a lot of the students and most often their work meets my expectations."

His favorite class to teach is the Social Psychology of Fan Behavior because it aligns the best with his research interests and thus he is most familiar with the class material. His least favorite class to teach would be Physics.

"The last time I took a Physics class I was in high school and I didn't do real well," said End. "Luckily, I would never be asked to teach Physics."

Outside of the university, Dr. End is a big fan of sports, traveling, friends, and family. He is a frequent visitor to the cities of Cincinnati and Milwaukee since the majority of his friends and family are located there. He also loves to travel to Montana and Yellowstone Park. His favorite sports team is the Green Bay Packers, although the Xavier's men's basketball team is a close second.

"When I was growing up in Milwaukee, WI, you played sports and talked about Packers' football," said End. "Becoming a Packers' fan was almost unavoidable. I also

think that because the Packers are owned by the people of WI, there is additional motivation to be a fan of the team."

Dr. End is married to Holly, whom he met at Xavier University while they were students. Holly is a dedicated social worker.

"My wife has been working in the nonprofit sector for the past 6 years and should be applauded for her persistence, dedication, and heart," End said. "She is becoming more and more of a Packers' fan everyday and recently named our beagle Driver after her favorite Packer, Donald Driver."

Christian End

Hometown: Milwaukee, WI
Education: Xavier University (B.S., Psychology); Miami University (Ph.D., Psychology)
Past Employment: Dissertation Fellow at Miami University
Time at UMR: 1 year
Classes Taught: General Psychology, Experimental Psychology, Cognitive Psychology, Psychology and the Internet
Hobbies: Sports (especially Green Bay Packers and Xavier's men's basketball)

Psychology

of faculty: 7
 # of undergrads: 50
 # of grads: 0

New faculty: Dr. Christian End, Dr. James Martin

Retiring faculty: None

Department Chair: Dr. Bob Montgomery



Psychology Faculty. Front row: Christian End, Don Sharpsteen, Ree Montgomery, Robert Montgomery, and James Martin. Photo by Erin Long.

Mechanical and Aero-
space Engineering

of faculty: 34
of undergrads: 468
of grads: 130

New faculty: Dr.
Xiaoping Du, Dr. Kai-Tak
Wan

Retiring faculty: Dr.
Virgil Flanigan

Department Chair: Dr.
Ashok Midha



Aerospace and Mechanical Engineering Faculty. *Front Row:* Xiaoping Du, Henry Pernicka, J. Keith Nisbett, and J.W. Sheffield. *Row Two:* Robert Landers, Dan McAdams, and F.W. Liou. *Row Three:* D.C. Look, Brenda Mesplay, H.F. Nelson, and Brad Miller. *Row Four:* Linda Gray and Ashok Midha. *Row Five:* A.L. Crosbie, Gail Richards, Bassem Armaly, Kelly Homan, and Walter Eversman. *Row Six:* K. Krishnamurthy, Joe Boze, G. Mac Sithigh, Dan Stutts, and Mitch Cottrell. *Back row:* Darryl Alofs, Umit Koylu, Randall Lewis, and Robert Hribar. Photo by Will Harbison.

Altitude

by
Ryan
Bales

Whether at work or play, Dr. Henry Pernicka was all about altitude. As a professor of Aerospace Engineering, he concentrated especially in space flight; in his spare time, he tried to reach higher elevations by more adventurous methods.

An avid skier, backpacker, and general sportsman, Dr. Pernicka never tired of the great outdoors. While in California he put his backpacking and hiking skills to the test, taking on Mount Shasta three times with groups of three or four people.

"Statistically, one-third of the people who try make it to the summit," Dr. Pernicka said. "I found that to be accurate; I tried three times, and I made it once."

The third time was the charm, though. He and his two partners set out on a three-day excursion to the peak of the mountain. At the end of the first day, they camped midway up the 14,000-foot mountain. They spent the second day practicing various climbing techniques, and at 4 o'clock the next morning, started for the summit. After enjoying their victory over the mountain for half an hour, it was time to return to camp—by downhill skiing. On the way down, Dr. Pernicka wiped out on a crust of ice that had formed over the snow.

"That was a little scary. I was 2000 feet below the rest of my group, and it's not like there was an ambulance nearby in case something happened," Dr. Pernicka said. "I could feel blood above my eye, but I had no way of telling how bad it was."

After reaching base camp, Dr. Pernicka patched up the small gash above his eye and successfully completed the expedition.

Besides a strong sense of adventure, Dr. Pernicka holds a

great deal of enthusiasm for his field. Because his father worked for National Harvester, Dr. Pernicka was exposed to the career of engineering at an early age.

"What really hooked me, though," Dr. Pernicka said, "was when I was five or six years old, Dad would grab me and throw me in front of the TV during the Gemini and Apollo missions. I just thought that was the coolest thing ever!"

Now Dr. Pernicka is contributing to the advancement of spaceflight; the senior design class he leads is in a three-year process to design and build a spacecraft.

"Our two main purposes are to demonstrate formation flight with multiple spacecraft, and to develop a communication system that is cheap and wireless," Dr. Pernicka said. "It's really exciting to work so closely with NASA and Goddard on this."

Through his class, Dr. Pernicka is helping to recreate some of the same excitement and vision of the beginnings of the space program.



Henry Pernicka

Hometown: Glen Ellyn, Ill

Education: Purdue University
(B.S., M.S., & Ph.D., Aeronautical and Astronautical Engineering)

Past Employment: San Jose State University

Time at UMR: 2 years

Classes Taught: Orbital Mechanics, Spacecraft Design

Hobbies: Restoring cars, downhill skiing, backpacking, bike riding

Well Rounded

by Kelley
Humming-
bird

A Rolla resident for four years, Dr. Daniel McAdams was among the youngest professors at UMR, whose energy was evident in his work. His wife of three years just completed her master's degree in Engineering Management at UMR, and the two are expecting their first child in August 2003. Although things may seem busy for Dr. McAdams, he still finds time to enjoy his hobbies of cycling, house projects and music.

Dr. McAdams has been involved with cycling for some time now. During the summer, he can be found on his bicycle, and likes riding about 150 miles per week. He had his first race at Summerfest in July of this year, and he plans on going on a 100-mile ride in the fall.

When not on his bicycle, he has a couple of house projects that he wants to complete. He has a couple of projects at his house, which includes remodeling his bathroom and building a 1500 square-foot deck on his house.

While in college himself, Dr. McAdams passed time

by playing guitar in a band in Austin, Texas. He played the piano for about 10 years and became serious about the guitar at the age of 16. His biggest influences are the Beatles, David Wilcox and Richard Thompson.

"Austin has a vibrant local music scene. We played probably three times a month while I was in grad school," Dr. McAdams said.

While he agrees that Rolla is "interesting," Dr. McAdams has traveled to places such as France, Finland and spent a week on a houseboat on Lake Powell, Utah. He loves the excitement of new experiences and visiting different places; however, he doesn't have any places he would definitely like to visit again. Instead, he would rather continue seeing new things.

"Places don't interest me as much as stuff," Dr. McAdams said. "I like seeing new stuff."

Not only does he like to see new stuff, he likes to learn about new stuff too. As a professor, Dr. McAdams is able to spend time learning about the topics that interest him. As an undergraduate student in Mechanical Engineering, his initial interests were in cars.

"I thought cars were cool and wanted to learn more about them, but after the first year or so, I became less interested in cars," Dr. McAdams said. Now, his interests are in design, and he is focused on general methods to help people design better.

Helping people is one of his main goals as a professor. His vision includes getting students excited enough about learning that they will eventually teach themselves.

"I like teaching. It's fun to see the students learn," Dr. McAdams said.

A pleasant and friendly person, Dr. McAdams is a professor that finds satisfaction in his time in and out of the office.

Daniel McAdams

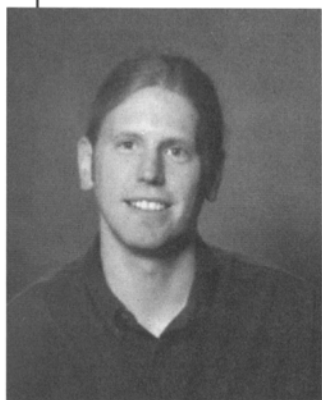
Education: University of Texas-Austin (B.S. and Ph.D., ME); California Institute of Technology (M.S., ME)

Past Employment: University of Texas-Austin, California Institute of Technology

Time at UMR: 4 years

Classes Taught: Intro to Design, Machine Design, Design for Manufacture

Hobbies: Cycling, Music, House projects



Education Abroad

by
Ryan
Bales

In a world that often seemed caught up in conflict, opportunities to help other people, societies, and countries were abundant. These efforts were less frequently found in headlines, but the satisfaction they brought to both the providers and recipients of such goodwill was immeasurable. Throughout his career, Dr. Robert Davis took advantage of many opportunities to help improve education in foreign countries.

For a few years early in his career, Dr. Davis worked as a project engineer for the Naval Surface Weapons Center; he switched to academics soon thereafter.

"I didn't want to spend my whole career developing weapons of mass destruction, so I got into teaching. This has been an absolutely fantastic career—I never imagined I would get into academics as a career," Dr. Davis said.

Something else he hadn't expected was the prospect to help improve higher education overseas. Dr. Davis' first such experience was due to an invitation by the U.S. Agency for International Development to review engineering programs in Africa.

"I got to do a few overseas projects and really enjoyed them. It's satisfying to strengthen ties between countries," Dr. Davis said.

Having witnessed firsthand the education systems of such countries as India, Singapore, Taiwan, and Belgium, Dr. Davis has noticed some differences as compared to colleges in America. He found that foreign schools—especially engineering schools—were much more selective in who they accepted. They often didn't have much lab equipment; rather, they maintained a very good faculty, and gave their students a firm theoretical background.

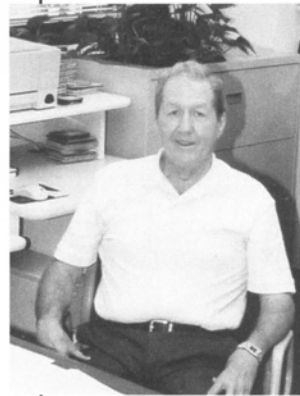
After retiring in 2002, Dr. Davis continued work on a project to develop a college in Oman for female students. He looked forward to "retirement" as a chance to focus on expanding international educational opportunities—among other things.

"I've always had a farm. I found it to be something that blends well with university activities. I can do some school

Below. Dr. Davis's 1957 Chevy. Photo submitted by Dr. Davis.



Robert Davis



Hometown: Baskett, KY
Education: University of Evansville (B.S., Mech Eng.); University of Maryland (M.S. & Ph.D., Mech Eng)
Past Employment: Naval Surface Weapons Center, University of Maryland
Time at UMR: 37 years
Hobbies: Old cars, church activities, international programs, traveling

work, then go home and bush hog and raise cattle," Dr. Davis said. Undoubtedly, he had plenty to keep him busy. "Now I'm cruising around in my '57 Chevy, trying to keep up with the grandkids, and working on raising a better herd of Registered Angus cattle."

Basic Engineering

of faculty: 12

of undergrads: 1000

of grads: 0

New faculty: None

Retiring faculty: Dr. Robert Davis, Dr. David Oglesby

Department Chair: Dr. Ron Fannin



Basic Engineering Building. Photo by Ryan Bales.

Teach, Live, and Play

Dr. Sitton is undoubtedly one of the best teachers in the chemical engineering department. His love for teaching is evident each time he steps in front of a class. He enjoys watching the students grow and learn as they advance through the curricula.

"It's fun to see the difference as students mature through the program," said Sitton. "Their progress is really amazing."

Every day Dr. Sitton goes home to his wife, Marilyn, with whom he has raised two sons. The oldest son is Benjamin and he is a chef, schooled in New York. His youngest is Gregory, who is studying chemical engineering at the University of Missouri-Columbia.

"My wife says Gregory is a chip off the old block," said Sitton, "but both he and I agree that is a scary proposition."

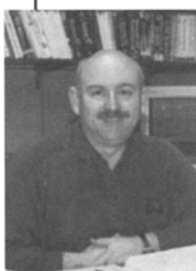
Dr. Sitton's passion, outside of class and family, is woodworking. He has his own shop at home, and his tool collection is continually growing. His specialty is English-style furniture. He built most of the furniture and cabinets in his home.

"I do the macro-construction and sanding," said Sitton. "My wife makes it look pretty."

Mrs. Sitton runs her own business in home décor, so she is a professional at 'making things look pretty.'

In his remaining spare time, Dr. Sitton works with his computer. He concentrates on animation and class applications for Web site development. He created sites for both his classes and his wife's business.

by Julie
Patman



Oliver Sitton

Hometown: Windfield, MO

Education: UMR (Ph.D., Chemical Engineering)

Past Employment: Monsanto

Time at UMR: 22 years

Classes Taught: ChE 141/143 (thermodynamics), ChE 235 (separations), ChE 241 (bio lab)

Hobbies: woodworking

Research: bioengineering, power ultrasound

Chemical Engineering

of faculty: 11

of undergrads: 115

of grads: 35

New faculty: None

Retiring faculty: Dr.

X.B. Reed, Dr.

Stephen L. Rosen

Department Chair:

Dr. Douglas Ludlow

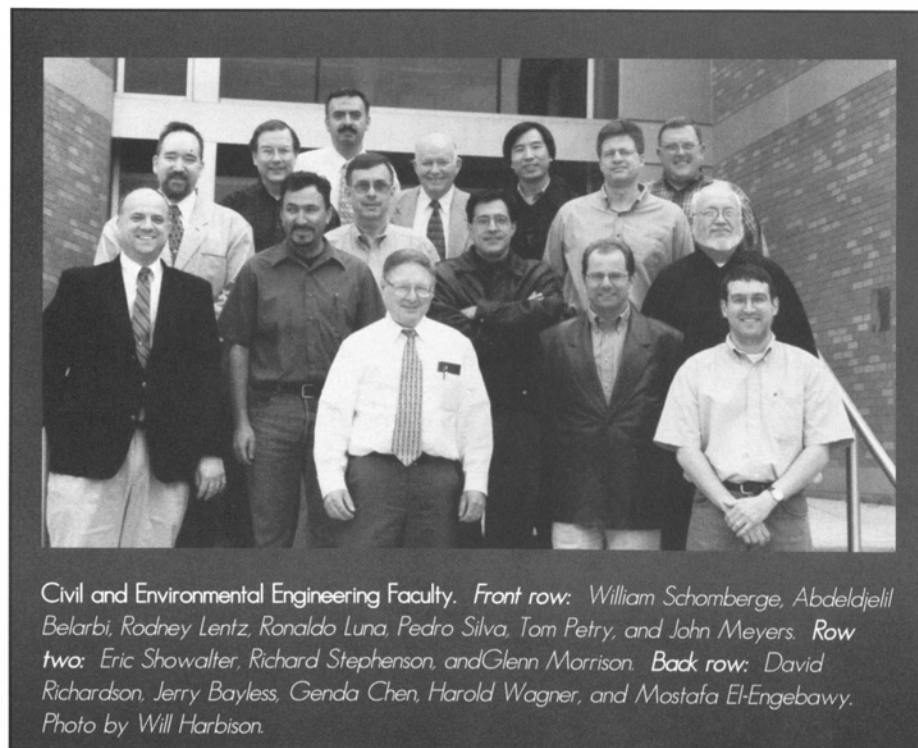


Chemical Engineering Faculty. Front row: Yangchuan Xing, Douglas Ludlow, Parthasakha Neogi, and Jee-Ching Wang. Not pictured: Athanasios Liapis, X.B. Reed, Daniel Forciniti, Oliver Sitton, and Robert Mollenkamp. Photo by Rachel Struby.

Right. In February 2000, the demolition crew brings down the frame of the Needles Room and auditorium to prepare for renovation. Photo by Nancy Lentz.

Below. The Civil Engineering Building as it appeared in October 1999. Photo by Nancy Lentz.

Below Right. With most of the external renovation complete, landscaping is coming along nicely. The Civil Engineering Building extends much closer to the street than it used to. Photo by Nancy Lentz.



Civil and Environmental Engineering Faculty. Front row: William Schomberge, Abdeljelil Belarbi, Rodney Lentz, Ronaldo Luna, Pedro Silva, Tom Petry, and John Meyers. Row two: Eric Showalter, Richard Stephenson, and Glenn Morrison. Back row: David Richardson, Jerry Bayless, Genda Chen, Harold Wagner, and Mostafa El-Engebawy. Photo by Will Harbison.



Left. Dr. Watkins and two of his students inspect a cross-section of the Smart Bridge near the library. Photo submitted by Steve Watkins.

Student Culture

Professors are often involved in several things, but few had the same diversity of interests as Dr. Steve Watkins. A native of Salem, MO, Dr. Watkins has made his mark in a variety of ways and places.

by
Ryan
Bales

After finishing a Master's at UMR in 1985, Dr. Watkins spent six and a half months working in Japan at NTT, the Japanese equivalent of AT&T. He spent a summer at the University of California - Berkeley to learn the language.

"I could follow most conversations better than I expected," Watkins said. "The language in Japan sounded much different than what I had gotten used to in the classroom, but seeing people's facial expressions and gestures often helped me get the idea."

While there, Dr. Watkins did find some time for sightseeing.

"It was just a big adventure," Watkins said. "I visited Korea, Kyoto, and Nagasaki. I skied for the first time in the Japanese Alps. It was a great experience being completely immersed in a different culture like that."

Dr. Watkins urges students to take advantage of being students and "go do something interesting and fun, before you have a family and commitments." "Students really do have a lot of freedom that they don't always appreciate," Watkins said.

In his time at UMR, Dr. Watkins helped found the local Toastmasters chapter, and became co-advisor to Eta Kappa Nu. He plays active roles in numerous national professional societies, and has advised 16 graduate programs to date. Dr. Watkins noticed several things that had changed since the time he was a student.

"There were 8000 students here back then; classes were very hard to schedule. We had finals on Saturdays. Also, engineering was really big then, and there were lots of jobs for everybody."

Some of the university's trademarks, however, remained strong throughout the decades. "I like UMR for its balance of teaching and research. Teaching has real value here, and I feel that's important."

Steve Watkins

Hometown: Salem, MO

Education: UMR (M.S., Electrical Engineering), University of TX -Austin (Ph.D., EE)

Past Employment: Phillips Laboratory in Albuquerque, Musashino Electrical Communications Laboratories in Japan

Time at UMR: 14 years

Research: optical sensing techniques, smart system applications, engineering education



Electrical and Computer Engineering

of faculty: 33

of undergrads: 451

of grads: 246

New faculty: Dr. Minseu Choi, Dr. Babak Fahimi, Dr. Chang-Soo Kim, Dr. G. Kumar Venayagamoorthy

Retiring faculty: Dr. Hardy J. Pottinger

Department Chair: Dr. Kelvin T. Erickson



Electrical and Computer Engineering Faculty. *Front row:* Randy Moss, Norman Cox, and Badrul Chowdhury. *Row two:* Marina Koledintseva, Jagannathan Sarangapani, R. Joe Stanley, and Kelvin Erickson. *Row three:* Richard DuBroff, Bill Weeks, Steve Watkins, and Scott Smith. *Row four:* Steve Pekarek, Minseu Choi, Donald Wunsch, B.J. Shrestha, and Keith Stanek. *Back row:* C.H. Wu, Babak Fahimi, and Mariesa Crow. Photo by Brad Swaters.

Engineering Management

of faculty: 19
of undergrads: 164
of grads: 174

New faculty: Dr. Sreeram Ramakrishnan, Dr. Ray Luechtefeld

Retiring faculty: None

Department Chair: Dr. Cihan Dagli (interim chair); Dr. William Daughton (beginning January 2004)



Engineering Management Faculty. *Front row:* Sreeram Ramakrishnan, Donald Higginbotham, Duke Dow, Susan Murray, and Robert Laney. *Row two:* Ray Luechtefeld, Mary Koen, and Cihan Dagli. *Back row:* David Spurlock, Ken Ragsdell, Don Myers, Tim Meinert, David Enke, Venkata Allada, Can Saygin, Steve Raper, Scott Grasman, and Hal Nystrom. Photo by Rachel Struby.

Collecting History

by Kelley
Hummingbird

Robert Laney has been a lecturer at UMR since 1981. When he's not busy lecturing at school, Laney's hobbies include woodworking and Missouri archaeology.

Laney has a woodshop with a saw and other pieces of machinery built in 1948, and his projects include a cedar lined blanket chest, tables and a vault made out of old post office box doors. He began building about twelve years ago when he asked a friend to help with building a display box for his relic collection of Native American artifacts.

Collecting Native American artifacts is also a pastime that Laney enjoys. He has quite a collection of bird points, pipes and pottery, all found in Phelps County. One of his friends is a flint knapper, who also makes points, but signs them to ensure they're not passed off as old points.

Besides woodworking and collecting relics, Laney is on the St. James school board and is very active at his church in St. James. Laney has been a member of the school board since 1994, and served as school board president in 1998. He has been a Sunday school teacher for sixteen years now at First Church of God.

Laney has three children and his wife is a first grade teacher at Lucy Worthen James Elementary in St. James, where his youngest daughter attends. One of his sons is a medical student in Kansas City, and his other son is a graduate from Rolla Technical Institute.



Robert Laney

Education: University of Missouri-Columbia (B.S., Engineering Management; M.S., Accountancy)

Past Employment: Pert Marwich Mitchell & Co, auditor; Universities Wide, budget analyst

Time at UMR:

Classes Taught: Accounting, Financial Management

Hobbies: Missouri archeology, woodworking

Scott Volner

Hometown: Salem, MO

Education: UMR (M.S., Metallurgical Engineering), UMR (Ph.D., Geological Engineering)

Past Employment: Frontier Technologies, Inc., a recycling center for wastes containing usable copper and toxic metals.

"When I was a kid, I wanted to be an engineer - no fireman crap! I didn't want to be a hero," said Professor Scott Volner, Assistant Adjunct Professor in the Metallurgical Engineering department.

Born in 1962 in the small town of Salem, Missouri, Volner described himself as "an extrovert trapped in an introverts body." Shy and unconfident, it wasn't until after his high school graduation that he blossomed. He attended UMR as an undergraduate, and notes that receiving his B.S. was a turning point in his life.

"I struggled with confidence as a child, but after I graduated with my B.S., I started to believe that I could do it, and the confidence built from there." Volner received his B.S. and Masters in Metallurgical Engineering, and his Ph.D. in Geological Engineering with an Environmental emphasis. Although he didn't go far from home to attend college, he admits that UMR was good for him. He also admits that Rolla was "the place to go" for a person living in Salem.

"I remember coming to Rolla, eating lots of fast

Real Heroism

food because it was a treat, and driving down Pine Street. Salem didn't have traffic lights, so it was neat to go to a place with traffic lights."

Now, when he isn't teaching or working with metals, Dr. Volner enjoys being outdoors. His hobbies range from turkey hunting to canoeing. On weekends and days off, Volner would likely be found on the Current River or traveling with Cathy, his wife of six years. They enjoy seeing different state parks, and are also frequent fliers and enjoy visiting places such as Houston and Vancouver. They visit Maine once a year for vacation.

Dr. Volner also travels to Colorado every year to go skiing with friends. "I love skiing, and I'll probably stick with that because I'm too old to try snowboarding," he said.

Along with outdoor activities, Volner is also very involved with college-aged groups at his church and in his free time. He says that he enjoys this age group, and has admitted to becoming "too chummy" with them.

Whether he is too chummy or not, Volner's goal as a professor is simple: "I want to give real-life perspective to theoretical topics." Not only does Volner try to give real-life perspective to those topics, he also tries to give advice that will last a lifetime to his students.

"I tell my students that they should always work hard; give eight hours of work for eight hours of pay." Volner believes that first impressions are almost irreversible, and that students should always do their best because they don't know when others are watching.

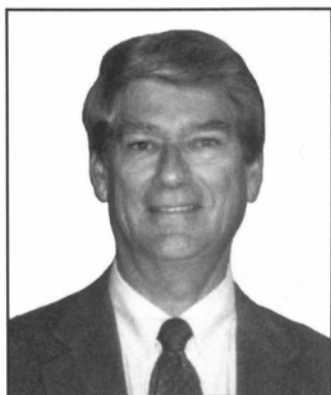
"The engineering world is small, and everybody knows everybody. First impressions may be discussed in the engineering community," he adds.

Whether he is canoeing, extracting metals, traveling, teaching, or giving advice to students, Dr. Volner is certainly enjoying life. He and his wife are expecting their first child soon, and he has a job that he loves. He has no plans of retirement any time soon and says that he "plans on living to be 100 years old, and working 'til 90." Dr. Volner is living out his dream, and with plans like his, who needs to be a hero anyway?

by Kelley
Hummingbird



Metallurgical Engineering Faculty. Front row: Joseph Newkirk, Ronald Kohser, Chris Ramsay, and Phil Leighly. Back row: F. Scott Miller, Matt O'Keefe, Dave Van Aken, Kent Peaslee, Rajiv Mishra, and Van Richards. Photo by David Denney.



Dr. Robert E. Moore, Curators' Professor Emeritus of Ceramic Engineering, and former chair of the ceramic engineering department at the University of Missouri-Rolla died suddenly on July 9, 2003. Born June 1, 1930, in Randolph, Nebraska, he was 73 years old. He is survived by his wife Ellen, eleven children, two step children and thirteen grandchildren.

Bob received a Bachelor of Science degree in Ceramic Engineering from the University of Missouri-Rolla in 1956 and a Master of Science degree in silicate science from the University of Toledo in 1957. He re-joined the Ceramic Engineering Department at UMR in 1957, and received his Ph.D. in Ceramic Engineering in 1962 from the University of Missouri-Columbia. Bob served as chair of the department from 1965-1989 and from 1992-1997, when he retired. In January 1995, the University of Missouri Board of Curators named him a Curators' Professor of Ceramic Engineering, the highest professorial title at UMR.

Bob was internationally known for his early work on glass-bonded mica materials and for his pioneering studies on thermal shock of ceramics. More recently his research focused on ceramic matrix composites, other structural ceramics and refractory ceramics. He served as Site Director of the Refractories Satellite of the Center for Glass Research, a National Science Foundation coordinated center for industry-university cooperation located at Alfred University. Bob was the founder and first editor of Refractories Applications and News, a technical magazine dedicated to the publication of articles on refractory science, technology and applications and of news of producers and users of refractories worldwide. He was past president of the National Institute of Ceramic Engineers, the Ceramic Educational Council and Keramos. He was also vice president of UNITECR, an international refractories research organization. He held various offices in the Refractories Ceramics Division and the St. Louis Section of the American Ceramic Society and was a fellow and an emeritus member of ACerS.

Bob received numerous awards during his professional career, including The Theodore J. Planje St. Louis Section Refractories Award (1991), the Greaves Walker Award of Honor from the National Institute of Ceramic Engineers (1993), UMR Outstanding Teacher Awards and Faculty Excellence Awards. He published over 100 papers and served on numerous national committees.

Bob was generous with his time and talents and inspired generations of ceramic engineering students at UMR. A memorial service was held in Centennial Hall on September 6 at 10 AM. In addition, Bob's family and the university have created the 'Robert E. Moore Scholarship' for ceramic engineering students. The scholarship will permit future generations of students to consider the contributions of this great educator and to honor Bob's lifelong commitment to his profession.

Signed,

The Members of the Ceramic Engineering Department at the University of Missouri-Rolla

Ceramic Engineering

of faculty: 16

of undergrads: 51

of grads: 33

New faculty: Dr. Fatin Dogan, Dr. Robert Schwartz, Dr. Jeff Smith

Retiring faculty: Dr. Darrell Ownby, Dr. Doug Mattox

Department Chair: Dr. Richard Brow



Ceramic Engineering Faculty. Front row: Richard Brow, Gregory Hilmas, Robert Schwartz, Mohamed Rahaman, Jeff Smith, Fatin Dogan, and William Fahrenholtz. Photo by David Denney.

Exciting After All

Others would describe me probably with a bunch of boring adjectives like 'competent' and 'honest' and 'dedicated' and 'quiet,'" Dr. Richard Brow, chair of the Ceramic Engineering department, said. However, Dr. Brow does have some interesting hobbies.

His most unusual hobby is beer making. He uses it to keep his chemistry skills sharp. He has been making beer for the past 10-12 years, starting with a kit he received as a Christmas present.

"Most of it is drinkable. For the past few years, I've stuck with some specialty recipes, spiced ales for Christmas, blackberry stouts, etc.," Dr. Brow said.

Besides making beer, Dr. Brow says that he would most likely be found "puttering around the house and yard," riding bikes or swimming with his wife and two daughters on days off. He enjoys keeping up with his kid's activities such in school and sports, and even watches an occasional episode of 'Spongebob' or 'The Simpsons' when he can.

One of Dr. Brow's favorite activities is playing golf in the summer, and one of his favorite places to visit is St. Andrews, Scotland.

"Crossing the Swilcan Bridge is a journey that every golfer dreams to make," he said.

During the winter months, Dr. Brow enjoys bowling and skis when he can. He especially likes to visit New Mexico (he spent 13 years working in Albuquerque); conveniently, Taos, New Mexico is "a fantastic place to ski - best place in the world to spend a snowy week in February."

Dr. Brow was eager to travel to other destinations as well. He notes his most memorable visit was to Istanbul, Turkey. He and his wife had the opportunity to travel there several years ago when he received the Young Investigator award from the International Commission on Glass. He recalls that there were "cross-roads of civilizations, history around every corner, gregarious people, and great food" in Istanbul.

Although winning that award is indication of his work ethic in Ceramic Engineering, he admits that Ceramics wasn't his first career choice, and that it was more by accident—though a good one. His first choice was to get a math degree. To save money, he enrolled in the state-supported College of Ceramics at Alfred University in New York, where he grew up. He found that at Alfred, he could get a math degree and a degree in Ceramic Engineering.

"After a year, I dropped math, plunged into ceramics, and haven't looked back," Dr. Brow said.

Dr. Brow collects interesting pieces of glass and has a professional interest in its characteristics and applications. His goal is to know as much about his profession as possible and to develop effective ways of transmitting that knowledge to others.

"The best part about being a professor is seeing the spark of recognition on the face of a student when they 'get it' in a lecture or lab. And - to live vicariously through the successes of my students," he said.

It's obvious that Dr. Brow loves his job and his research, so maybe adjectives like 'competent' and 'honest' and 'dedicated' and 'quiet' aren't so boring.

by Kelley
Hummingbird



Left. Dr. Brow enjoys one of his favorite pastimes, skiing. Photo submitted by Richard Brow.



Richard Brow

Hometown: Finger Lakes region of New York

Education: Alfred University (M.S.), Pennsylvania State University (Ph.D.)

Past Employment: Sandia National Laboratories

Time at UMR: 5 years

Classes Taught: CER 122 (Ceramics Materials Lab), CER 369 (Glass Science Engr.), CER 104 (Vitreous State)

Hobbies: golfing, skiing, reading

Research: phosphate glass

On the Go

by Kelley
Humming-
bird

Professor Curt Elmore lives an extremely active life. From water sports to dune buggies to traveling the world, he is always on the go.

Dr. Elmore learned to water ski when he was five years old. He always lived near water; his dad was a park ranger at Lake Mead, Arizona, and then worked for the Corps of Engineers at Truman Lake. As he got older, he moved on to surfing, wind surfing, sailing, and eventually wake boarding and riding his air chair. Although this is more than what most people do in an entire lifetime, Dr. Elmore insists that he's "not extreme."

As often as he can, Dr. Elmore and his wife, Cecilia, head to Truman Lake to spend the weekend on their ski boat. Dr. Elmore loves to ride his air chair (see photos) and wakeboard. He has been wakeboarding for 11 years, and riding the air chair for 10 years.

"I would collect stuff, but most of my money goes on traveling and gas for the boats," Dr. Elmore said. When he can't make it to the lake for the weekend, Dr. Elmore enjoys fishing on the Little Piney River. When going to the river isn't an option, Dr. Elmore has plenty to do in Rolla. He and his wife own a street-legal dune buggy that he enjoys working on. He also has a Dalmatian that loves to go running, and during the summer, Dr. Elmore rides his bike to work.

Water isn't important only for his hobbies. Dr. Elmore's research interest and field of expertise is in groundwater. He has put this knowledge to use to help others. Dr. Elmore has made numerous missionary trips to Guatemala, and in March 2003 took a group of students to construct a well to supply



Curt Elmore

Hometown: Warsaw, MO

Education: UMR (B.S), University of Arizona (Ph.D.)

Past Employment: URS, Inc.

Time at UMR: 2 years

Classes Taught: GE 310

(Senior Seminar), GE333

(Risk Assessment), GE 343

(Subsurface Exploration), GE 350 (Senior Design)

Hobbies: watersports, riding in his dune buggy

Research: groundwater studies

water to an orphanage. He was planning to take another trip to Guatemala a few days after this interview.

"Guatemala has really neat people and neat geography. Plus, you can speak bad Spanish and still get by since Spanish is their secondary language!" Dr. Elmore said.

Guatemala isn't the only place that Dr. Elmore and his wife travel to. They have visited Rio de Janeiro, Brazil three times for vacation, and his wife hopes to return soon to go parasailing. "They have the best beaches," Dr. Elmore said. He has also visited Australia, Canada, and Mexico, and hopes to visit Tonga someday. All in all, Dr. Elmore has been outside of the United States over 30 times.

Dr. Elmore feels that the success in his career came from the preparation that UMR gave him as an undergraduate. His goal as a professor is to prepare his students for their careers. It's his way of giving back to UMR. In helping students prepare for their careers, he wants to take measures to give them real life experience.

"I want to establish a research program that helps conserve drinking water," he said.

Dr. Elmore is a very energetic person who wants to be remembered for helping people after he leaves. His students and those he has helped in Guatemala are sure to agree that he has accomplished that goal.

Geological Engineering

of faculty: 11

of undergrads: 33

of grads: 19

New faculty: Leslie Gertsch

Retiring faculty: None

Department Chair: Jeff Caulfield



V.H. McNitt Hall. Photo by Ryan Bales.

Philately by Kelley Hummingbird

For Dr. Jay Gregg of the Geology/Geophysics department, philately provides an escape from the endless tasks of being a professor. Philately is another name for stamp collecting. He started this hobby at the age of 12, but had to stop for about 20 years to finish his degrees. In the past few years, he has had the opportunity to start it again.

Like any other hobby, one can become specialized in stamp collecting. Dr. Gregg's specialty is collecting stamps from the United States and a small Asian country called Tannu Tuva. Known for their beautiful triangle and diamond shapes, they were printed in Moscow in the 1930's but never used in a Tannu Tuva post office. There are 38 of these stamps, and Dr. Gregg owns 34 of them so far.

"The last four [are] rather pricey when you can find them; and anyway, my wife gets irritated with all of the money that I spend on stamps," Dr. Gregg said.

Dr. Gregg is not only interested in Tannu Tuva stamps, but also in Irish

stamps. His latest collection includes all but three of the Irish stamps, and says that the remaining three stamps are also very expensive and hard to find.

During the 1995 academic year, Dr. Gregg spent one year in Ireland on a Fulbright Scholarship and became fascinated with the Irish culture and history. During this time, he has learned a great deal of Irish history, which he included on his website. His Irish history site has had over 10,000 hits since he started it in January 2001, and has been listed as a recommended website, much to his surprise.

One of Dr. Gregg's favorite parts of living in Ireland were the frequent stays at family-run bed and breakfast inns, of which he claims to have never found a bad one. The part he liked best was the breakfast served, which includes black and white pudding - an Irish specialty.

Other aspects Dr. Gregg loved about Ireland were the cultural experiences he gained there and the great friendliness of the people. While in Ireland, he learned different customs and became fully immersed in a culture different from our own.

"The most difficult thing to get used to is the grocery store. You can't find anything! They have the same products, but they're packaged different and you have to use a different kind of money," Dr. Gregg said. "Plus, you have to shop for food daily there, and the refrigerators are about half the size they are here."

Back in the United States, Dr. Gregg and his wife, Mickey, have three children whom they are very proud of. Jay is still in high school, Nicholas is a student at UMR, and Tricia recently traveled on the Atlantis, an oceanographic ship, as a scientific officer.

Dr. Gregg has experience in the oil and minerals industry all over the world. He spent a year working with a nuclear waste repository program. At UMR, his interest is in sedimentary petrology and geochemistry with emphasis on carbonate rocks. In 1998, he spent four and a half weeks in South Africa where he taught geology courses.

Whether teaching, traveling, or collecting stamps, Dr. Gregg has proven to be an expert in several fields, in several places. While he stays busy with writing funding proposals, attending meetings, and teaching undergraduates, he still finds occasional intriguing diversions.

Jay Gregg

Hometown: Columbus, Ohio

Education: Bowling Green Univ. (B.S.), OK State Univ. (M.S.), MI State Univ. (Ph.D.)

Past Employment: oil industry, mineral industry, nuclear waste repository program

Time at UMR: 15 years

Classes Taught: Geo 130 (Petrology), Geo 51 (Physical Geo.), Geo 224 (Stratigraphy)

Hobbies: stamp collecting, studying Irish history

Research: sedimentary petrology, carbonate rocks



Geology / Geophysics

of faculty: 17

of undergrads: 66

of grads: 16

New faculty: Eliot Atekwana

Retiring faculty: None

Department Chair: Dr. Jay M. Gregg



V.H. McNitt Hall. Photo by Ryan Bales.

Explosive Interest

by Kelley
Hummingbird

Dr. Paul Worsey's interest in explosives began as a child, when he played with them illegally. After what began mostly as making stink bombs during his chemistry class, Worsey's interests took a different turn.

"We blew up the goal posts at the football field!" Worsey said. "After I began experimenting with explosives, my father took the gas out of the house, just to be safe."

Dr. Worsey went on to explain that the chemicals he used for the bombs were mostly household chemicals. After learning the periodic table and researching many elements, he found plenty of ammunition for his experiments.

Fortunately, his experiments were usually safe. He is proud to have all of his fingers, and notes that he was only burned a couple of times. He didn't even try to blow up any animals in the process!

As an adult, Dr. Worsey is still fascinated with explosives. Besides working with them here at UMR, he enjoys traveling around to put on firework displays. Usually around July 4, he goes to places such as St. Louis or Lake of the Ozarks to put on displays.

He's not just interested in explosives though; Dr. Worsey enjoys riding his horses on his days off. He has four of them. Every year, Dr. Worsey travels to Eminence, Missouri to participate in the Cross Country Trail Ride for about a week.

Dr. Worsey is also known for breaking horses - introducing a horse to a saddle and pad to prepare them for riding. He recalls a time when some people from Licking, Missouri made him an offer he couldn't refuse.

"They had four stallions they needed broke, so they told me that I can do three, and get one free. I usually only get to break mares, so I jumped at the chance. It was a challenge," Dr. Worsey said.

Dr. Worsey participates in horseback riding in many ways ranging from trail rides to local speed events, but besides riding them on trails, he purchased a buggy for his wife, and has two horses trained to pull it. Occasionally, they participate in parades in the area with the buggy, or they hitch up the horses to ride around the farm.

Dr. Worsey gets many opportunities to get away from the farm also. He teaches short courses in various places. Three years ago, he taught a short course in Botswana, and has also been to Brazil and the Ukraine to teach. While at these locations, he takes advantage of being there and participates in local activities. For example, he has been to the game parks on safaris in Botswana, and has been white water rafting in Brazil.

"I couldn't pick a most interesting place to visit - they're all interesting and I always have a good time," Worsey said.

While at these locations, Dr. Worsey sees this type of work as an opportunity to do his job well, and improve the reputation of UMR, two of his goals as a professor.

"I don't really set long term goals as a professor. I just want to do a good job and be well liked by my students. The best part of this job is working with the students, and there's freedom in research and as a professor because I'm tenured," Dr. Worsey said.

Although he says that as a professor, he's not getting paid as much as he would in the industry, he believes it's worth it. He loves his job, and stresses to his students that it's not about the money: "I tell them, do what you enjoy doing. If you want to get paid more, then go after it, but it's not always about money."

It's clear to see that an interest in explosives as a child in England has brought him a long way - all the way to Rolla, Missouri for the past 22 years - so Dr. Worsey is obviously practicing what he preaches.

Mining Engineering

of faculty: 8
of undergrads: 76
of grads: 26

New faculty: Dr.
Samuel Frimpong

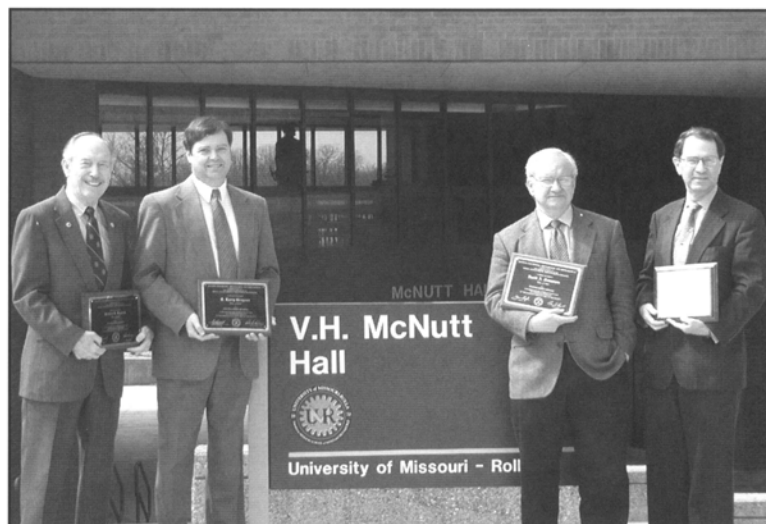
Retiring faculty: Dr.
Richard Bullock

Department Chair:
Dr. R. Larry Grayson



Mining Engineering Faculty. Front row: Derek Apel, Larry Grayson, Tad Golosinski, David Summers, Paul Worsey, Jerry Tien, Lee Saperstein, and Richard Bullock. Photo by David Denney.

Below. Distinguished members of the Mining Engineering department: Richard Bullock, Larry Grayson, David Summers, and Lee Saperstein. Photo by David Denney.



Paul Worsey

Hometown: England

Education: University of Bristol (B.S.), University of Newcastle-upon-Tyne (Ph.D.)

Time at UMR: 25 years

Classes Taught: BE 50 (Statics), Mining 110 (Surveying for Mineral Engineers)

Hobbies: horseback riding, fireworks, golf

Research: explosive safety, electronic initiating systems, fuse technology, explosives

2003 International Intercollegiate Mining Competition

Women's Team 1st

Men's A Team 2nd

Men's B Team 4th

Women's Team Members

Julia Andoe, mining engineering senior, from Rolla, Mo
Tiffany Crenshaw, geology and geophysics senior, from Lathrop, Mo

Jamie Crump, chemistry senior, from Hermantown, Minn

Jennifer Kroeger, engineering management graduate student, from High Hill, Mo

Patricia Robertson, mining engineering senior, from Rolla, Mo

Men's Team Members

Brian Almond, mining engineering senior, from Prairie Village, Kan

Matt Angle, engineering freshman, from Rolla, Mo

Chris Barks, engineering freshman, from Gordonville, Mo

Michael Hund, civil engineering sophomore, from Wichita, Kan

Adam Kresler, engineering freshman, from Chicago, Ill

Bryan Lewis, history senior, from Rolla, Mo

Adam Lucas, mining engineering sophomore, from Rolla, Mo

Daniel Marschke, mining engineering senior, from Rolla, Mo

Ashley Mertens, mining engineering junior, from Holts Summit, Mo

Andy Prideaux, civil engineering senior, from Salina, Kan

Daniel Richards, engineering freshman, from Greenwood, Ind

Jim Wright, civil engineering senior, from St. Louis, Mo

Fast Lane

by
Toby
Kurien

Dr. Akira Tokuhiro came to the United States when his father accepted an appointment at Ohio State University. Nine years after completing a Ph.D. in Nuclear Engineering at Purdue, Dr. Tokuhiro took a faculty position at UMR. He soon started a program to train students to obtain a Nuclear Regulatory Commission Reactor Operators License. In 2003, about 11 UMR students were licensed and about a dozen more were in training.

While his research interests focused on traditional topics—such as thermal-fluid science and reactor safety instrumentation—Dr. Tokuhiro also contributed to new fields. He was mentioned in Wired.com for testing a facial recognition device, which would be used to limit access to secure areas. He also earned a grant from the Foreign Correspondence Club of Japan for studying how hazardous technologies are accepted in Japanese and American Societies.

Research aside, Dr. Tokuhiro is very fond of F1 auto racing, and has attended seven different Grand Prix events, including those in Montreal, Spain, and Detroit.

"In 1988, when I had my only interview with an F1 team at the Canadian Grand Prix, I met the team principle and was escorted around by the bankers of the McLaren team," Dr. Tokuhiro said.

Indeed, Dr. Tokuhiro has made the acquaintance of several famous people. He met the Prince of Spain while working in Japan, and his wife (who is Spanish) was once on the national news with the Prime Minister of Spain.

"Once, while I was walking in Tokyo, I walked up to this person who looked like Eric Clapton," Dr. Tokuhiro said. "I asked if he was Eric Clapton, and he said yes!"

He had not been to a rock concert in many years, but Dr. Tokuhiro has seen Elton John a few times, U2 in Switzerland, Blondie, Berlin, Jefferson Starship, and Thomson Twins.

In addition to rock music, Dr. Tokuhiro has tried rock climbing and enjoys automobiles. "My wife is much better at rock climbing," he said. "You realize how important your strength to body weight ratio is."

A great deal of his time is spent working. He is very passionate and proud about his field. As a teacher, Dr. Tokuhiro engages his students by encouraging them to get involved.

"I try to get students involved in projects, research, etc. I think I do well in working one-on-one with students, and UMR's size is ideal for that," Dr. Tokuhiro said.

Akira Tokuhiro

Hometown: Tokyo, Japan

Education: Purdue (B.S., Engineering Physics, Ph.D., Nuclear Engineering), Univ. of Rochester in New York (M.S., Mechanical Engineering)

Past Employment: Argonne National Laboratory, Paul Scherrer Institute in Switzerland, Japan Nuclear Cycle Development Institute

Hobbies: rock climbing, rock music and automobiles

Research: thermal-fluid sciences, thermohydraulics, reactor safety instrumentation, safety issues

Nuclear Engineering

of faculty: 5
of undergrads: 54
of grads: 11

New faculty: None

Retiring faculty: Dr. Nicholas Tsoulfanidis

Department Chair: Dr. Arvind Kumar



Nuclear Engineering Faculty. Front row: Akira Tokuhiro, Nick Tsoulfanidis, Heather Gepford, Gary Mueller, Arvind Kumar, and Laci Lower. Photo by Steve Landes.

Exploring the World

One of the Professors at the Petroleum Engineering is Dr. Shari Dunn-Norman. Interestingly her UMR username, 'caolila,' comes from a Single Malt Scottish Whisky. "When I was doing my graduate work in Scotland, the computer names were after them. And then it became my nickname," Dr. Norman said.

She has been a senior advisor in the Freshmen Engineering program at UMR with eight years experience in FE advising, transfer advising and preview advising for incoming freshmen.

Dr. Norman worked in industry for eight years and traveled to several countries for offshore work. "I've been to China, Singapore, Indonesia, Egypt,

Scotland, England, Switzerland, Denmark, Norway, Canada, Venezuela, Mexico, Brazil and Australia. I've been to the Pyramids. I'd like to go offshore in Brazil. I haven't been traveling much now as I used to. I am very interested in offshore work, and am working on a book about the subject," Dr. Norman said.

Dr. Norman started a program called EPGY (Education Program for Gifted Youth) with her son. "This year we have successfully launched this program and we have a little school at UMR. I am the focal person for this program," Dr. Norman said. The program is a continuing project dedicated to developing and offering multimedia computer-based distance-learning courses. Despite her many professional interests, she made time for a wide range of personal hobbies.

"I play the piano. I have four cats and a dog. I really love cats. I used to run a lot. I like needlework. I enjoy both reading and writing," Dr. Norman said.

Dr. Norman lived in a castle in Scotland. She also stayed at Beverly Hills for a couple of years and lived a couple of streets away from Michael Douglas. "I've seen Meryl Streep. I don't find meeting celebrities that important. I think my children are the most important thing in my life," Dr. Norman said.

Dr. Norman's travel to several countries has been colored with many interesting experiences. "I've been dumped into the sea while I was on the Blow Out Preventer. But these days such pranks are not allowed. We used to go shark hunting and collect the shark jaws," Dr. Norman said.

She has been actively involved in Community Service. She was a volunteer for the St. Louis Academy of Science and for the Kappa Delta Sorority. "I used to do a lot of community work in Calgary," Dr. Norman said.

by
Toby
Kurien

Shari Dunn-Norman

Hometown: St. Louis, MO

Education: University of Tulsa (B.S., Petroleum Engineering), Heriot-Watt University at Edinburgh, Scotland (Ph.D., Petroleum Engineering)

Classes Taught: PE 316 (Production Applications), PE302 (Offshore Technology)

Hobbies: piano, reading, writing

Research: production engineering, offshore operations, advanced computing technologies



Petroleum Engineering

of faculty: 4

of undergrads: 25

of grads: 12

New faculty: None

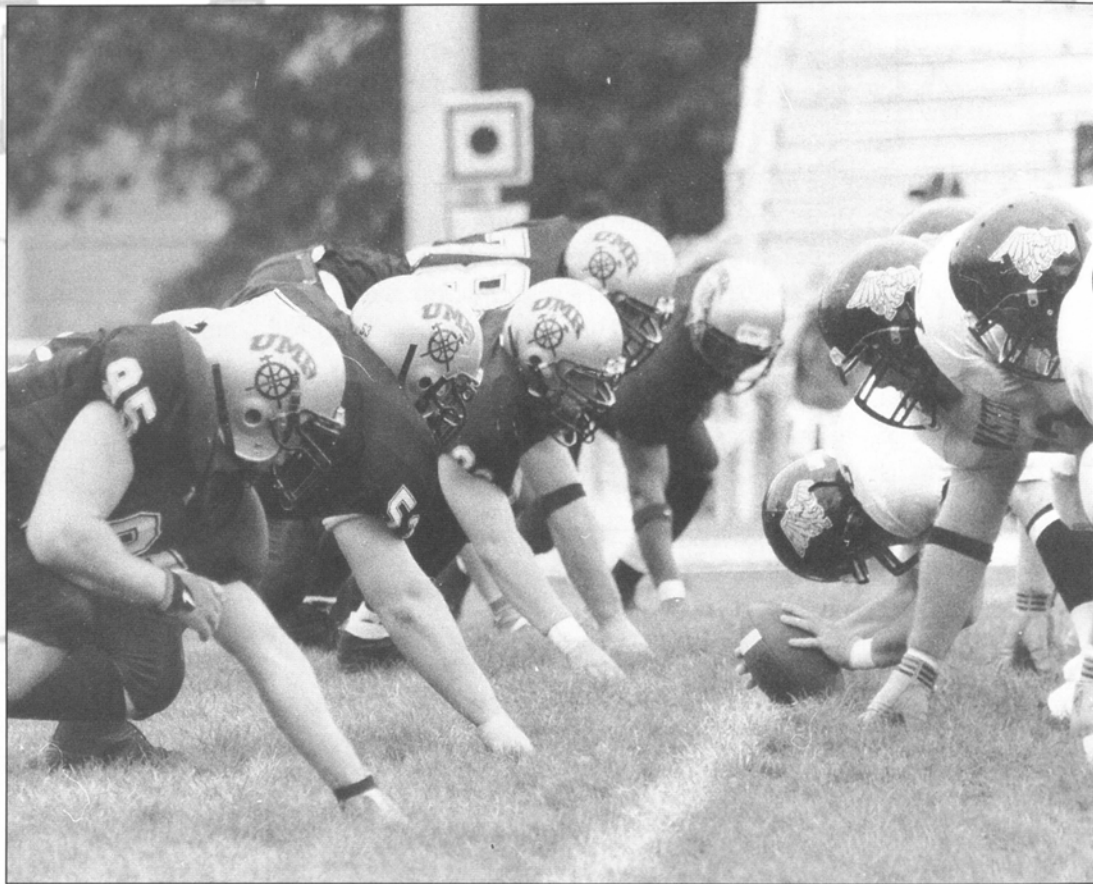
Retiring faculty: Dr. Leonard Koederitz

Department Chair: Dr. Anuj Gupta



Petroleum Engineering Pump. Photo submitted by the Petroleum Engineering Department.

Below. The Miners face off against their opponent at the start of a new game. Photo by Erin Long.



TRAVAIL Prevail

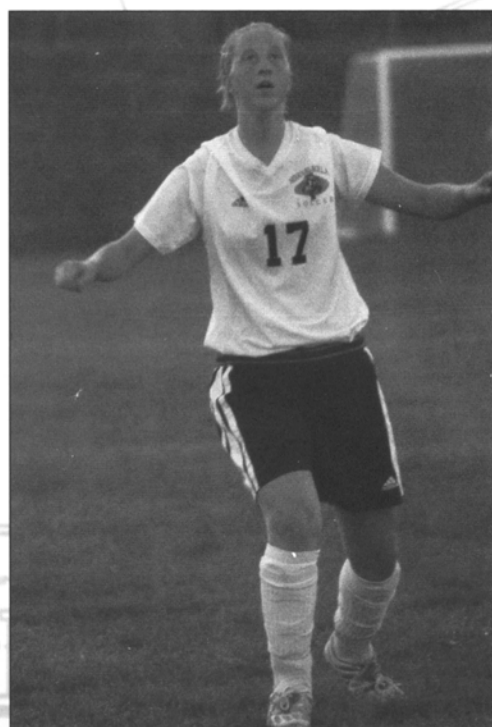
FEW STUDENTS HAD NEVER FELT THE THRILL OF COMPETITION. WHETHER IN A BASKETBALL GAME OR IN A RESEARCH CONTEST, THE DESIRE TO DISTINGUISH OURSELVES BY OUR ABILITIES DROVE US LIKE FEW THINGS COULD. THIS DESIRE INCREASED THE COMMITMENT WE PLACED IN OUR ENDEAVORS, AND RAISED THE STANDARDS OF PERFORMANCE FOR EVERYONE. WE THUS REALIZED WHAT WE COULD ACCOMPLISH AS STUDENTS, ATHLETES, AND MEMBERS OF SOCIETY.

WINNING WAS A GREAT EXPERIENCE, EARNING THE HONOR AND RESPECT OF FELLOW COMPETITORS. BUT OF THOSE WHO DID NOT WIN, VERY FEW REALLY LOST. WHILE WE SOMETIMES WENT HOME WITHOUT A TITLE, THE EFFORT WE POURED INTO PREPARATION REMAINED. WE LEARNED AND ADMITTED—BUT NEVER RESIGNED—THAT THERE WOULD ALWAYS BE SOMEONE WHO COULD BEAT US AT SOMETHING. WITHOUT THE PERSISTENCE OF WE WHO DID NOT WIN FIRST, THE VICTORS BEFORE US WOULD THEMSELVES LOSE THEIR EDGE. THUS, EACH COMPETITION BROUGHT OUT THE BEST IN EACH PARTICIPANT

Below. In a game against Southwest Baptist University, Morgan Anderson provides cover while Latisha Poulard maneuvers around an opponent. Photo by Rachel Struby.



Above. In his windup, Dallas Blasdel prepares to deliver a pitch. Photo by Brad Swaters.



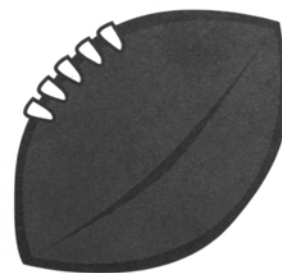
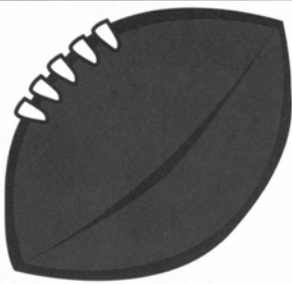
Left. In a game against Missouri Southern, Forward Jolene Silovsky, freshman, positions herself to take control of the ball. Despite their efforts, the Miners lost the game 0-1 in overtime. Photo by Rachel Struby.

Sports

Football	74
Soccer	76
Cross Country	84
Basketball	88
Swimming	96
Golf	97
Track & Field	98
Baseball	102
Softball	106
Tennis	108
Intramurals	110

Facing Off

by Karen D'Souza



Zeal, determination, subsequent training and sinuous strategies were the essential techniques that kept the Miners going during their strenuous football games. Kirby Cannon, head coach, watched not just for a muscular build, but for agility and a competitive spirit when he selected the miner football team.

"To be an effective football player, you must have speed and strength, but more importantly, you must possess wit and intelligence," Joseph Tomasek said. "You must analyze your opponent and perceive more about him than he does about you."

Parents contributed a great deal along the lines of encouragement and motivation.

"My parents have always been my number one fan," Tomasek said. Nathan Branham agreed. "Having parents that support my efforts both on and off the field has always enhanced my abilities as a player," Branham said. "They have watched and supported me at every football game I've ever played in!"

Beginners sometimes had a tough time coping with the demands of football; a few tense nerves and lack of sufficient self-confidence really left them hanging by a fragile rope. "When I first arrived on campus, the thing that really surprised me was the speed at which the game was played," Chad Taake said. "Everything was just a blur for the first two or three months until I adjusted to the speed of all the players. But eventually, I was motivated to do everything possible to turn our losing streak around and start a new winning tradition at UMR."

Beginners definitely had a huge line to cross. Fear of losing or not performing to their own expectations was incredibly stressful.

"The transition from high school football to college football is a big step," Nathan Dale said, with a different perspective on adjusting to college play. "The game moved a lot faster when I played against the best high school players. The UMR coaching staff makes the transition a lot easier though."

Coaches were very supportive while enduring a great deal. "Coach Cannon was my line-backer coach throughout the season. He was also a defensive coordinator and head coach," Dale said.

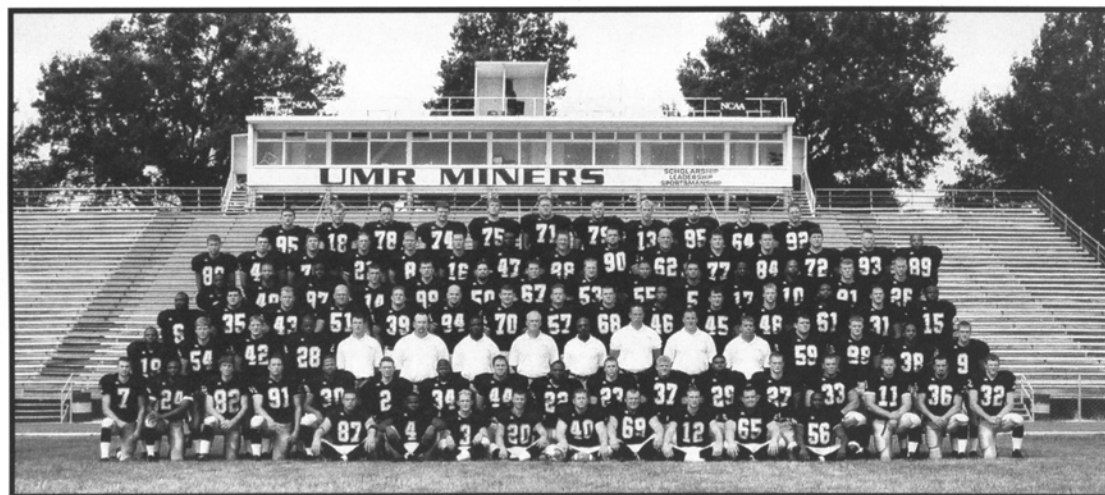
On June 20th, 2002, the Miner assistant football coach, Jason Koltz, decided to step down, which came as a bit of a surprise. Koltz became part of the staff in 1999 when Cannon took over as the team's head coach. He did an outstanding job as an assistant coach and was a significant loss to the Miners.

"Coaches can really enhance your ability as a player," Dale said. "There is a lot of technique and a few minor strategies that you need to employ while tackling your opponent. If you have a good coach that can instill these in you, your game will definitely improve!"

Conflicts were an everyday occurrence in the lives of student athletes. It was hard to balance their academic schedule and commitments to both the classroom and the team. "Time management has always been a key part of my college career, and has been stressed by the coaches here at UMR," Tomasek said.

Pre-season on campus put the final touches on conditioning and stamina. "The mind is another source of stamina," Dale said. "A lot of stamina comes from within your head. A lot of people find it hard to set their minds on a positive base."

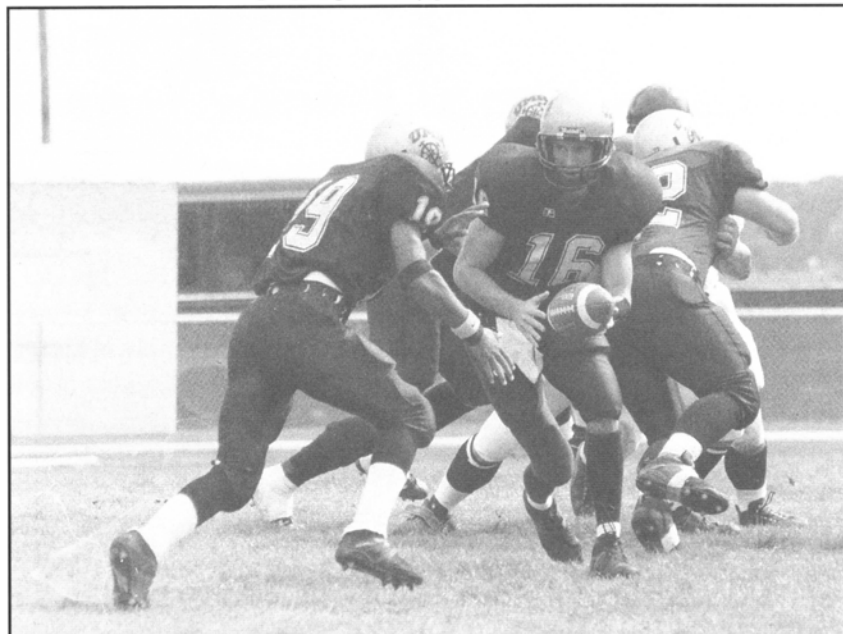
Despite trouble in getting on the scoreboard, the team did manage to keep a positive attitude. The skill and experience players gained this season would undoubtedly help in the future.



Left. Football team. Front Row: Ken Ennis, Shawn Stephens, Alex Mendrygal, Bryan Johnson, Shane Cameron, Curt Kimmel, Mike Mahoney, Brad Smith, Emmanuel Okwuonu; **Second Row:** Chris Harvey, Devin Mickens, Tyler Heck, Willie Sanchez, Joe Phillips, Brett Fischer, Dan Lester, Jason Sanders, Mustafa Kindell, Jeremy Dotson, Chad Sommer, Cornelius Weaver, Jeremy Bass, Frank Perri, Marc Armbruster, Josh Robinson, Mike Schupbach; **Third Row:** Damon Davis, Josh Hicks, Jeff Byers, Aaron Reno, Reid Stephens, Marc Kolb, Ken Okwounu, Kirby Cannon, Travis Boulware, Shawn Corbett, Matt White, Joe Pfankuch, Joseph Tomasek, Jim Fennelly, Andrew Cleveland, Clint Moss; **Fourth Row:** Lamar Baker, David Crowell, Craig Kern, Chris Patterson, Juan Salas, Justin Ayers, Adam Sass, Jason Daniels, Pat Rosenthal, Keenan Miller, Nathan Branham, Terry Carter, Clarence Chaney, Tim Turner, Emeka Nwosu; **Fifth Row:** Darron Boyer, Nathan Williams, Kyran Weaver, Dan Perry, Matt Dudley, Erick Webster, Chad Taake, Robert Rutherford, Fred Camarillo, Antwan Smith, Lagarius Criss, Rodrick McDonald, Travis Tinsley, Brad Brueckner; **Sixth Row:** Ryan Griffin, Gregg Kane, Lou Kuelker, Aaron Clarke, Josh Matthias, Scott Brown, Avian Jordan, Johnny Locke, Jon Havens, Colin McFarland, Derek Drussa, Cole Drussa, Nick Cowell, Andy Christoff, Tyrone Smith; **Back Row:** Aaron Gage, Eric Lemcke, Jordan Tucker, Jordan Preston, Kevin Keller, Dan Kania, Kyle Marshall, Mark Becker, Jeremy Johnson, Craig Brantner, Ted Dunkmann. Photo submitted by athletic department.

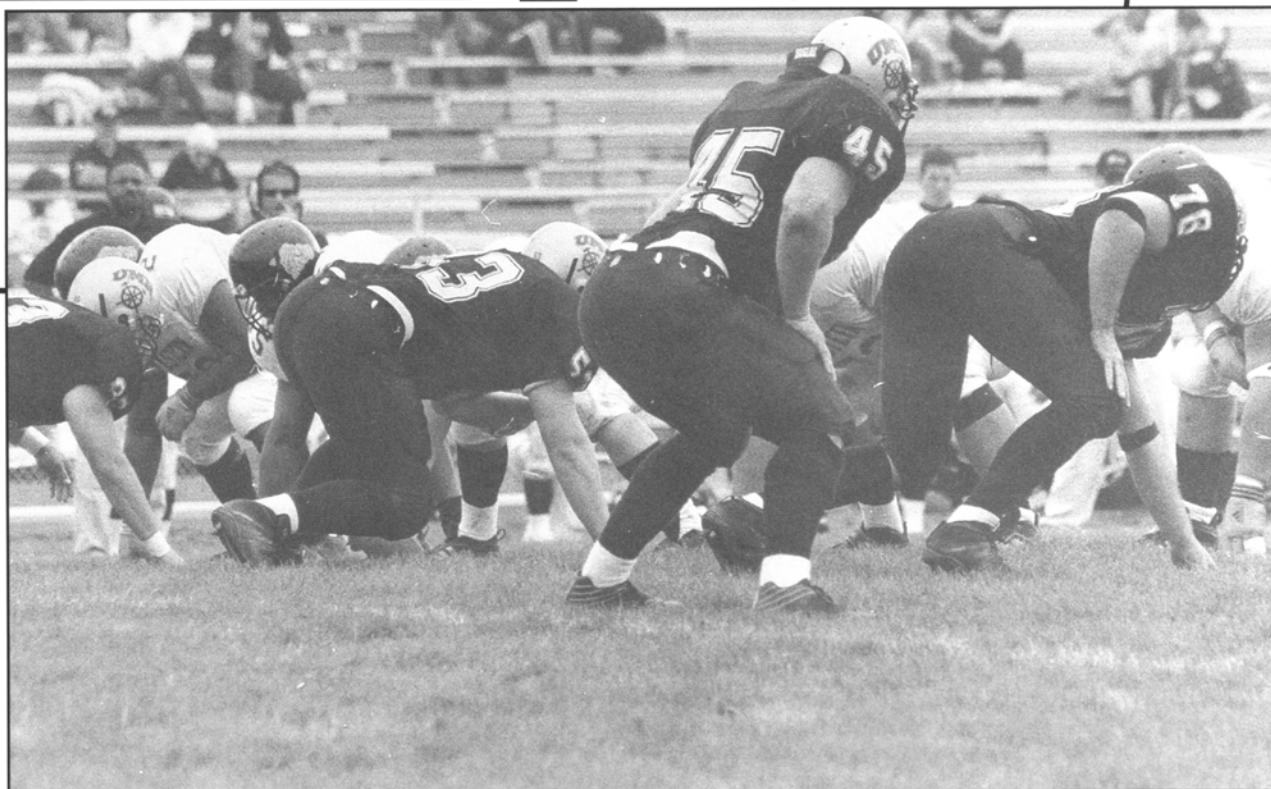
Football Scoreboard

Final Record: 0-11



Above: UMR junior quarterback Scott Brown (Bartlett, IL) passes ball to sophomore teammate running back Damon Davis (St. Louis, MO) during game played against Missouri Western. Photo by Erin Long.

Opponent	Us	Them
L Harding	15	23
L Drake	25	28
L Northwest MO State	9	34
L Truman	28	57
L Central MO State	14	55
L Missouri Western	9	29
L Emporia State	7	40
L Pittsburg State	14	48
L Southwest Baptist	7	17
L Washburn	0	49
L Missouri Southern	25	49



Right: UMR plans defensive action against Missouri Western. Photo by Erin Long.



Left: UMR senior linebacker Shawn Stephens (Racine, WI) and freshman defensive back Nathan Williams (St. Louis, MO) tackle player from Missouri Western. Photo by Erin Long.

Teamwork Pays Off

by Dave Bryant

The Lady Miners soccer team had always done well in the past, but this season ended with a record of 1-17. "Out of eleven starters, five of our players were freshman. And even though they played well, it's hard to click with people you really haven't played with before," Jessica Shultz, senior, said. "Also, our playing just wasn't as fast as that of the rest of our conference. They had improved a lot, and we were on the same level we were before."

At the beginning of the season, the team went to a retreat in Eureka, Missouri. "We really bonded as a whole and learned a lot about each other. We participated in a ropes course and did a lot of trust falls and other leadership activities. From then on I think the team was more like a family," Barb Porter, junior, said. This retreat was one of the few breaks the team had. All of the players practiced very hard, getting at least two hours almost every day. "At the beginning with preseason we concentrated mostly on fitness and getting game-fit. As the season progressed we mostly had tactical practices in which we did less intensive, more strategic drills because we got the fitness in during games," Porter said.



Above. Freshman forward Jolene Silovsky (Topeka, KS) battles a Missouri Southern player for the ball. Photo by Rachel Struby

Right. Women's Soccer Team. Front row: Jenn Allen, Kacey Morris, Kindle Ernst, Lisa Warner, Holly Schultz; *2nd row:* Barb Porter, Sarah Newman, Collette Galaske, Beth Hayward, Jessica Shultz, Colleen Connors; *3rd row:* Jolene Silovsky, Assistant Coach Amanda Gilbertson, Manager Janelly Griffith, Head Coach Diana Niland, Maureen Cassin; *Back row:* Ana Mora, Jessica Owen, Amy Krauch, Katie Beissel, Lauren Wilkinson, Angela Agee, Leslie Olson. Photo submitted by athletic department.

The season officially began with games against North And South Dakota in Brookings, South Dakota on September 7 and 8. The first conference game the team played was against Missouri Southern in Joplin, Missouri. The team lost that match, and few games later they faced Central Oklahoma University in Edmond, Oklahoma. "One of the toughest games we played this season was against Central Oklahoma. They were ranked sixth in the nation! It was hard to keep up with them," Shultz said.

The team lost that game, but then encountered a series of very close games with schools such as Missouri Southern, Central Missouri State, and Truman. They defeated Northwest Missouri State University 1-0 on October 4 in Rolla. The team continued to have a series of close games until the season closed. The last game of the season was against Southwest Baptist in Bolivar, Missouri on November 9.

But despite a season that was not as good as the previous few had been, the team remained optimistic.

"Instead of concentrating on a record, we tend to work on improvement and we try to look at different accomplishments. Everyone knows that to improve you have to work hard and to make sacrifices to achieve a common goal. Hopefully the work we are doing in the off-season will prepare us for next year and will carry over into the summer as well," Porter said.

"I look forward to meeting some new recruits next season," Amanda Gilbertson, assistant coach, said. "It's always exciting to get a new group together." Gilbertson also explained why she has been expecting a better season next year. "A lot of the games we lost were really close. We just got unlucky in a lot of those games, and I would like to see the team able to improve enough to turn those kinds of games into wins."

In addition to training hard for next season, the team is also taking a trip to Europe over May 19-31. There they will be playing soccer games in Belgium, Germany, and the Netherlands. "I think the games will be challenging but not stressful. It will be more of a time to really enjoy soccer rather than to worry about the outcome of the game. We will also get to meet so many new people who are just like us," Porter said. "It will be a great time and will allow us to play a whole different level of soccer."



Women's Soccer Scoreboard

Final Record: 1-17

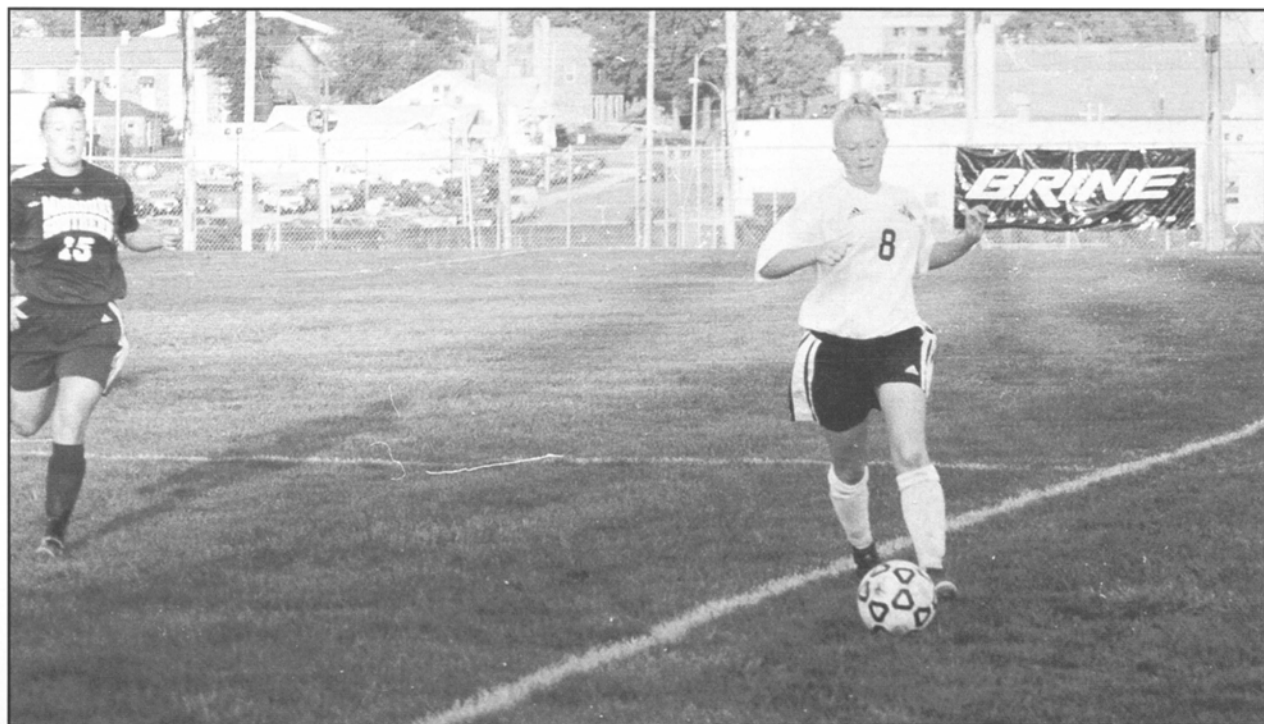


Above. After receiving a pass, senior forward Kacey Morris (Florissant, MO) looks for an open teammate to receive the ball. Photo by Rachel Struby.

L	South Dakota State	0	3
L	North Dakota State	1	3
L	Missouri-St. Louis	1	4
L	Missouri Southern	2	8
L	Northeastern State	2	3
L	Central MO State	1	3
L	Central Oklahoma	0	6
L	Missouri Southern	0	1, OT
W	Northwest MO State	1	0
L	Central MO State	0	1
L	Truman	0	2
L	Emporia State	0	4
L	Murray State	0	4
L	Truman	0	1, OT
L	Emporia State	0	1
L	Northwest MO State	2	3
L	Southwest Baptist	3	5
L	Southwest Baptist	1	2



Below. Though a valid attempt, freshman forward Lisa Warner (Lombard, IL) falls short after chasing a ball out of bounce. Photo by Rachel Struby.





Above. Lisa Warner, freshman forward from Lombard, IL, passes the ball down the field in a game against Northwestern played on September 20. Photo by Matt Allen.



Above: Collette Galaske, freshman midfielder from Collinsville, IL, steals the ball from a Northwestern player in a game on September 20. Photo by Matt Allen.



Above. Holly Schulz, freshman defensive player from St. Charles, MO, kicks the ball to a team mate during a game against Northwestern on September 20. Photo by Matt Allen.



Above. Goalie Ana Mora, senior from Lenexa, KS, saves the ball from a Northwestern goal-attempt and prepares to send the ball down the field. Photo by Matt Allen.



Above. Jolene Silovsky, freshman forward from Topeka, KS, dribbles the ball up the field during a game against Northwestern on September 20. Photo by Matt Allen.



Left: Colleen Conners, junior defender and midfielder from St Louis, MO, kicks the ball to a teammate during a game against Missouri Southern on October 2. The Miners lost this game in overtime, 0-1. Photo by Rachel Struby.



Above: Maureen Cassin, junior forward from Belleville, IL, prepares to pass the ball to a teammate during a game against Northwestern on September 20. Photo by Matt Allen.

Right: Jolene Silovsky, freshman forward from Topeka, KS, dribbles the ball down the field in hopes of a goal against Central Missouri State on October 6. The Miners lost 1 to 0. Photo by Matt Allen.



Below: Jolene Silovsky fights for the ball against a Central Missouri State player in game on October 6. Photo by Matt Allen.

Below: After a save against Northeastern, Ana Mora kicks the ball down the field. Photo by Matt Allen.

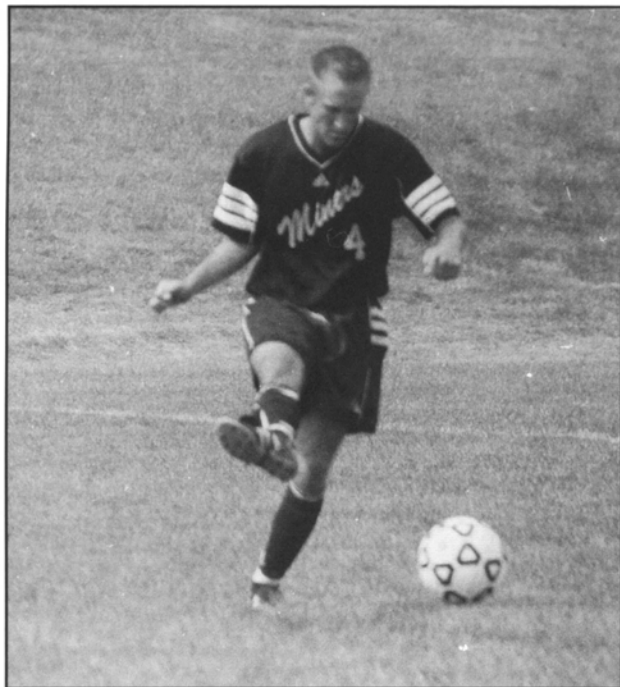


Coach Darnell: The New Man on Campus

by Sharon Sebastian

The UMR Athletics department was looking for a replacement for Coach Driscoll as the head men's soccer coach. They found their replacement in the long-time player and coach, Vince Darnell. Who better to coach a soccer team than someone who has been playing the game since he was five years old?

Darnell's mother put Vince in soccer to give herself a break from the self-proclaimed hyperactive boy. Darnell said, "I had so much energy when I was a kid that I drove my mother crazy," Darnell said. However, it was not his choice and he was not very happy about it. "I hated the game for the first couple of years, until I learned how to play the game better and to understand it."



Above. Playing against Indianapolis, sophomore defense player, Tom Buerk (St. Charles, MO), passes to junior midfielder/forward, Mark Flusche (Broken Arrow, OK). The Miner's won this game 2-1. Photo by Rachel Struby

Since then, Darnell obviously came to enjoy the sport. He had an outstanding career starting in the state championship team at Granite City High School in 1987. From there he went to Columbia College where he was a four-time all-district and all-conference performer. During that time, he also assisted with the Columbia Pride youth programs, coaching the under-16 and under-18 boys' teams. Darnell's first real coaching job was for the Cougar program in the 1992 and 1993 seasons. However, he was not through playing the game yet.

In the summer of 1994, Darnell pursued a professional playing career with the Des Moines Menace of the United States International Soccer League (USISL) Premier League. A three-year starter for the Menace, he played in three Midwest regional tournaments and in the USISL's national premier tournament in Richmond, Virginia in 1995. He also played one season for the Chelmsford City Football Club in Essex, England. In 1997 and 1998, he played with the Tallahassee Scorpions of the Eastern Indoor Soccer League.

Darnell is an active man whose hobbies include spending time in the gym working out and running when his knee is not bothering him. It comes as no surprise that this energetic person spent a lot of his spare time working in a number of camps and clinics. He worked with the Stinger Soccer Camp in Tallahassee for two years, as well as the Far Post Upper V soccer clinic for four seasons spanning 1997-1999. Prior to that, Darnell assisted the Des Moines Menace Soccer Camp during the three seasons he played for that team, and the Columbia College soccer camp for four years. In fact, he was working at the SMS camp when he was accepted for the job as head soccer coach. He actually had to start later than was planned so that he could finish up his prior engagements. Vince said, "I was one of two candidates for the job, and was really excited when they decided to give me the job. This was a major stepping stone in my career, and I'm really grateful to have this chance."

Vince has only a few goals for the team this year, but he felt they were important. He confessed, "My first goal is to help the guys win more games than last season, just so they can feel good about this new year and their new coach. I also want the guys to get to know me so that they realize that I am a different kind of coach than they are used to having. I want them to be able to talk to me about any questions or concerns they might have." His approach is different from past coaches, so he hopes that the team will grow and become a better group with his guidance. Coach Darnell only wants to have a great year and to make the team better.

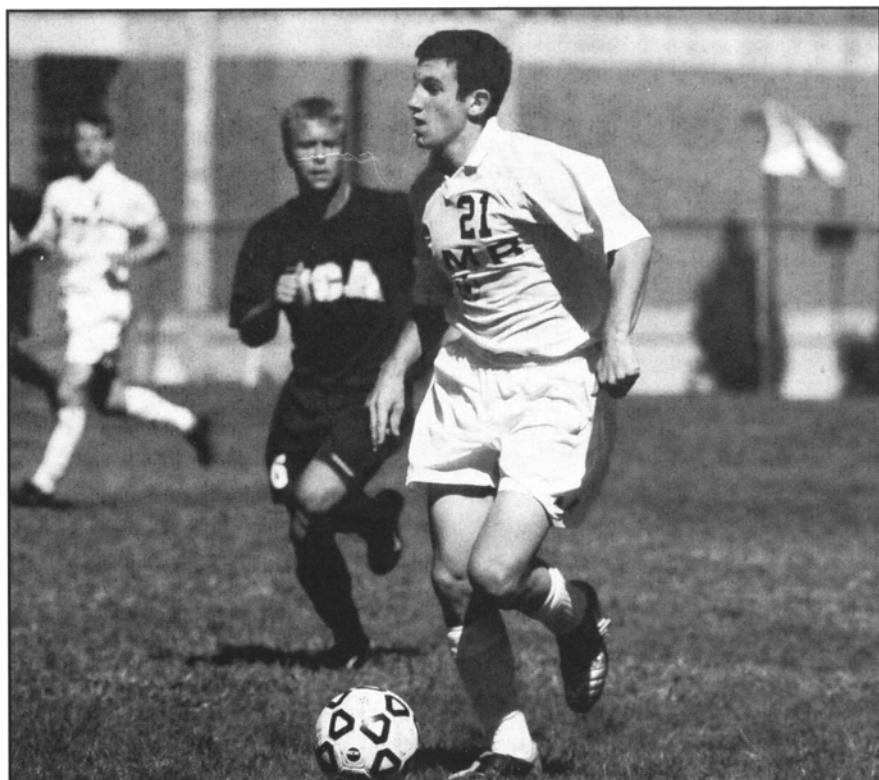
Athletic, ambitious, energetic, open, and fun-loving are just a few attributes that Darnell brought to the team and the athletic department. He has few rules and hopes to do a lot with them. Coach was ready to take on this new challenge and as he said, "I just want to do a good job and have a great year."

Right. Men's Soccer Team. First Row: E.J. Klapperich, Matt House, Wes Trueblood, Ryan Giacoletto, Justin Conner, Tim Suiter, Ben Nelson, Paul Thompson, and Tom Buerk.; *Second Row:* Derek Ogg, Lane Martinez, Marc Flusche, Robert Vaughn, Andy Becker, John McQueary, Sean Ackley, Jeremy Bruno, Philip Schloss, Adam Koth, and Chris Shaw. *Third Row:* Asst. Coach Aaron Ogorzalek, Sebastian Bustamante, Ryan Curran, Nick Toeller, Adam Kresler, Michael White, Dan Larson, Eric Naught, Ryan Coates, Jeff Leonard, Asst Coach Hass Jassim, and Head Coach Vince Darnell. Photo submitted by athletic department.



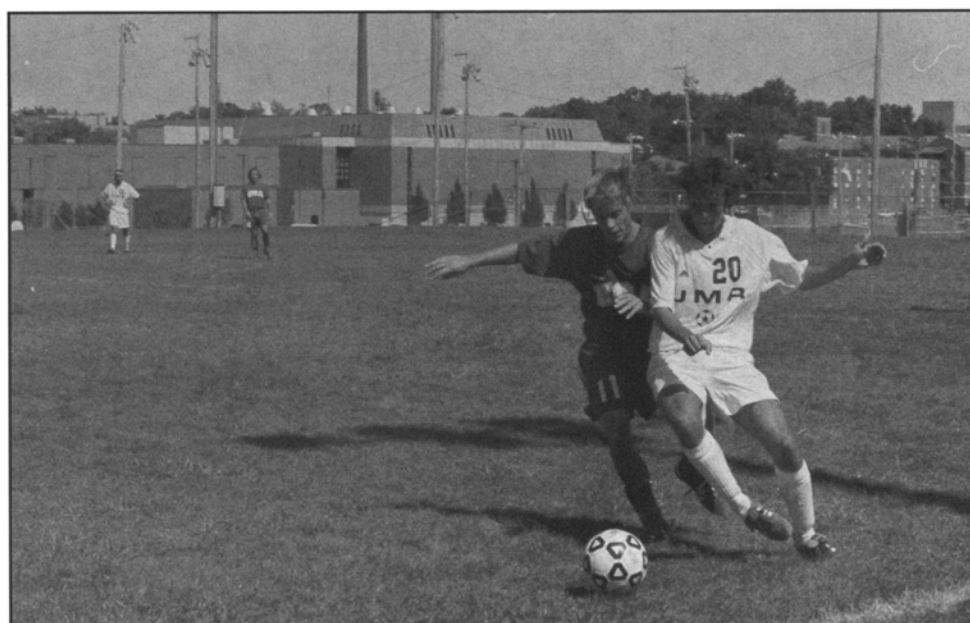
Men's Soccer Scores

Final Record: 9-5-2



Above. Freshman midfielder Philip Schloss (West Plains, MO) looks down the field for the next play in September 22's game against University of Central Arkansas. The Miners tied against UCA in overtime. Photo by Rod Lentz.

L	South Dakota State	0	3
L	North Dakota State	1	3
L	Missouri-St Louis	1	4
L	Missouri Southern	2	8
L	Northeastern State	2	3
L	Central MO State	1	3
L	Central Oklahoma	0	6
L	Missouri Southern	0	1, OT
W	Northwest MO State	1	0
L	Central MO State	0	1
L	Truman	0	2
L	Emporia State	0	4
L	Murray State	0	4
L	Truman	0	1, OT
L	Emporia State	0	1
L	Northwest MO State	2	3
L	Southwest Baptist	3	5
L	Southwest Baptist	1	2



Above. Freshman defensive player Nick Toeller (Memphis, TN) steals the ball from Central Arkansas player Brock Dickinson in first half of game against University of Central Arkansas on Sept 22, 2002. Photo by Rachel Struby.

Putting the Pieces Together



Above: In the clear, freshman forward/midfielder Lane Martinez (Spring, TX) receives a pass from the other side of the field while playing against Indianapolis on September 15, 2002. Photo by Rachel Struby

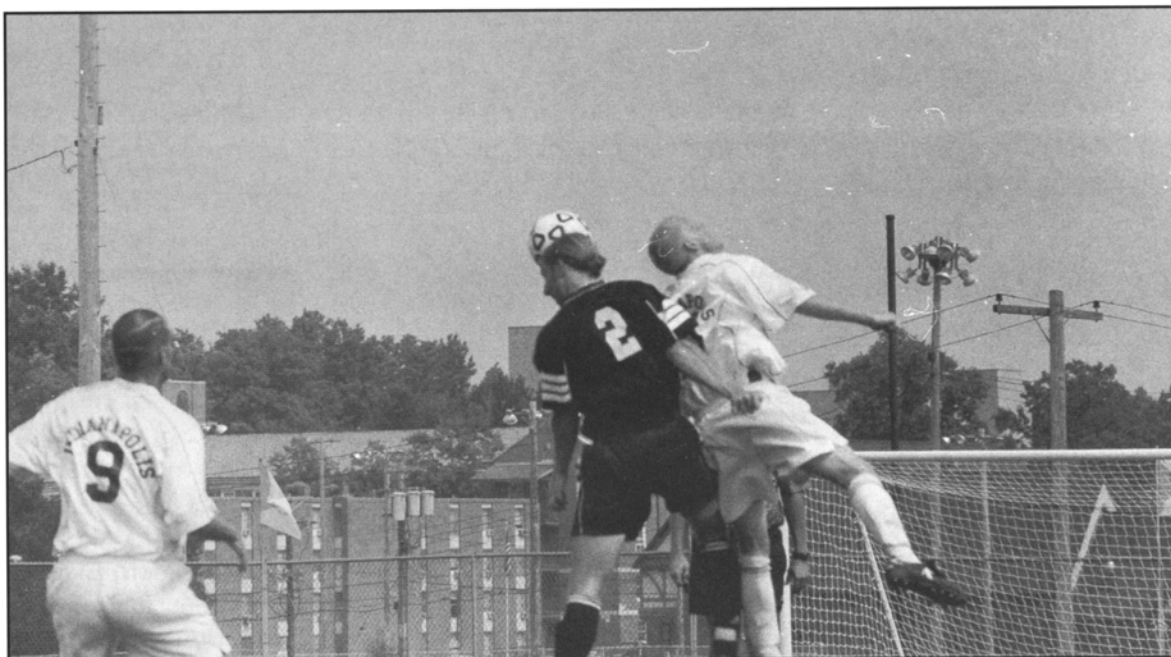
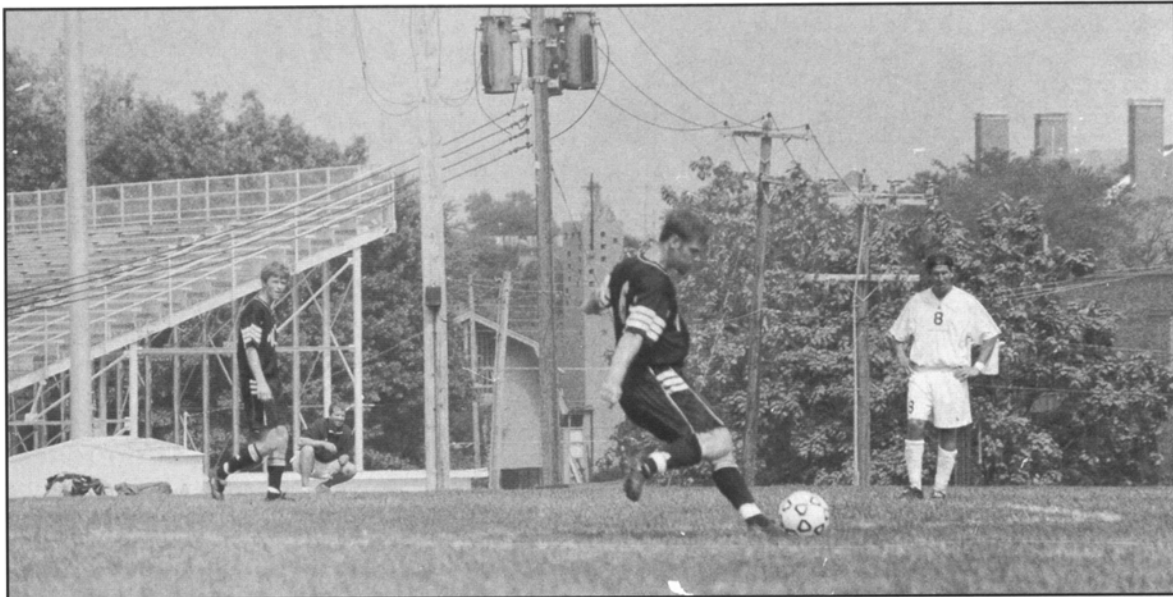
Right: Sean Ackley, senior midfielder from Fairview Heights, IL, competes with University of Central Arkansas's player, Luke Driver. Photo by Rod Lentz.



Below: Sophomore defense/midfielder Andy Becker (Eureka, MO) heads the ball in the game against University of Central Arkansas. Photo by Rod Lentz.



*Below: Senior sweeper Jeff Leonard (Chesterfield, MO) kicks ball on a restart after Indianapolis receives yellow card.
Photo by Rachel Struby.*



Above: Jeremy Bruno goes up for a defensive header after a throw-in during Sept 15's game against Indianapolis. Photo by Rachel Struby.

Left: Senior midfielder Jerney Bruno, of Rolla, MO, dribbles the ball down the field with freshman Lane Martinez (Stoning, TX) running in background. Photo by Rod Lentz.

Racing Towards the Finish Line

by Kelley Hummingbird

Two UMR cross-country runners were named as Mid-America Intercollegiate Athletics Association's "Runner of the Week" during the Fall 2002 season. Freshman Chris Barnes was named as "Runner of the Week" for the week of September 23-29, and junior Kate Hamera for the week of September 9-15.

Barnes won the Miner Invitational, held on September 28 at the UMR Golf Course. The UMR men's team finished in second out of five teams, and Barnes' time was 26:34.5. Of the men's team, Kevin McGuire, Mike Serniak, Nick Scheriner and Justin Hall also finished in the top 15 runners.

On the women's side, top runner Kate Hamera returned this season and finished third overall at the Mule Run, a two mile race, at Central Missouri State with a time of 11:58.10. She also finished fifth at the 2002 Miner Invitational, leading the team to a sixth place standing out of 11 teams.

Although the Miners had some very competitive runners, none of the runners participated in the NCAA Championships in Ashland, Ohio this season. With experience gained and lessons learned, the Miners are sure to gain some triumphs next season.

Men's Cross Country



Above: Men's Cross Country Team. First Row: Mike Brower, Chris Barnes, Walter Kramb, Tes Berhe; Second Row: Justin Hall, Nick Schreiner, Head Coach Sarah Preston, Sam Patterson, Jason Chase; Third Row: Garrett Euler, Adam Schuerman, Joe White, Charlie Hawkins, Kevin McGuire, Mike Serniak. Photo submitted by athletic department.

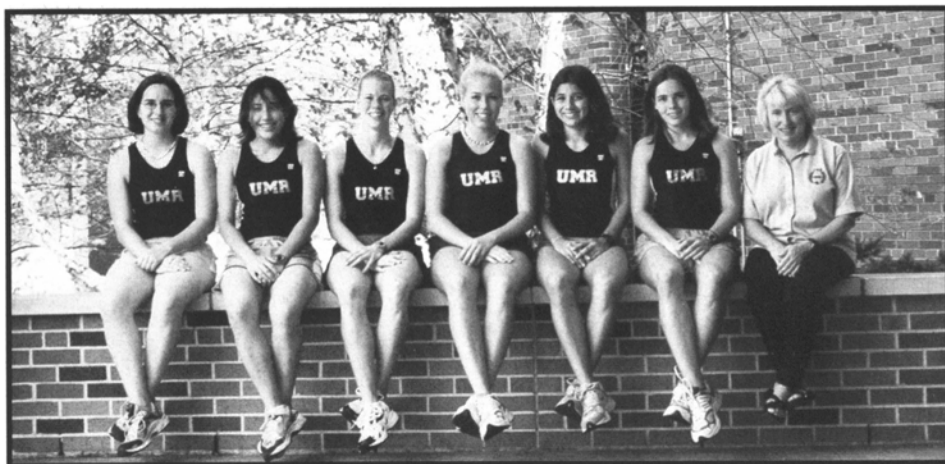
CMSU Mule Run	6th / 12
Southern Stampede	10th / 20
Miner Invitational	2nd / 5
Border States Invitat.	5th / 15
MIAA Championships	7th / 8
NCAA S Central Reg.	10th / 13





Above. Kate Hamera (#690), women's cross country team captain, is shown running in a competition. Photo submitted by cross country team.

Women's Cross Country



Above. Women's Cross Country Team. Jennie Garrison, Julie Orich, Alicia Joannes, Sondra Terry, Kate Hamera, Sarah Thompson, and Head Coach Sarah Preston. Photo submitted by athletic department.

CMSU Mule Run	6th / 10
Southern Stampede	16th / 19
Miner Invitational	6th / 11
Border States Invitat.	13th / 18
MIAA Championships	8th / 8

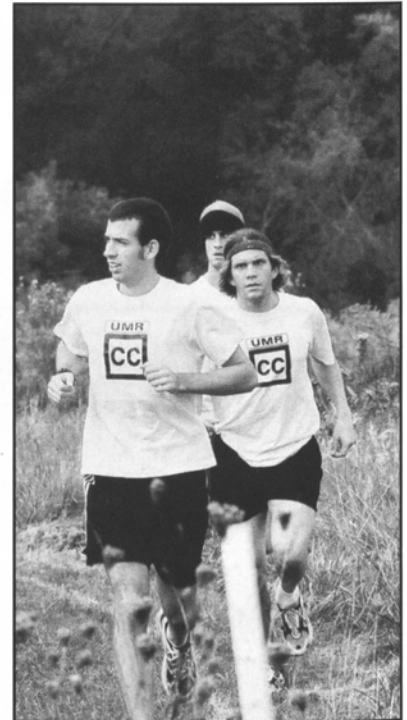




Above. Team Captain Kevin McGuire (left: 984; right: 8) is shown running in a race. Photo submitted by cross country team.



Above. Cross country team members (from left to right) Joe White (in back), Adam Schuerman (#987), Steve Kerr, Nick Schreiner (#986), and Sam Patterson (#985) shown running in a race. Photo submitted by cross country team.



Above: Senior cross country team members, from front to back, Kevin McGuire, Walter Kramb, and Steve Kerr. Photo submitted by cross country team.



Above. Senior Jennie Garrison is shown running in a competition. Photo submitted by cross country team.



Above. Alicia Joannes (left #691) and Julie Orlich (right) are shown running in a competition. Photo submitted by cross country team.



Above. Freshman Chris Barnes (#1), the men's cross country team's most valuable player, can be seen here running in a competition. Photo submitted by cross country team.

Lady Miners Led by Coach Alan Eads

by Tanisha Neal

New clothes and cars are great. However, new people in authority are often hard to deal with. However, this is not the case with the new head coach for the University of Missouri-Rolla Lady Miners. Coach Alan Eads has received many great reports among the team and faculty.

Coach Eads served as an assistant coach to Southeast Missouri State University for the past eight seasons. He was the team's chief recruiter and specialized with the team's defense that was ranked third in the OVC for the 2002 season. As former head coach of Moberly Area Community College, Alan Eads took the Lady Greyhounds to the NJCAA national tournament five times. He was named Region XVI "Coach of the Year," and in 1991, was an assistant coach to a California Olympic gold medalling team. Coach Eads is originally from Trenton, MO and earned his bachelor's and master's degree in education from the University of Missouri-Columbia.

Ead's history gives hope to this year's season for the Lady Miners. Sophomore Keri Hessel, known as "K. Hess" to the team, says, "I expect that, with the help of Coach Alan Eads, the Lady Miners are sure to surprise a lot of people in the MIAA." The Lady Miners are confident that they will grab everyone's attention. Of course, we will be watching.

It is common that with new coaching there is also new style and technique. Obviously, this new coach has a few tricks up his sleeve. He has led many teams to titles and it is possible that UMR's Women's Basketball Team can be next. Team member Alexandria Bond says, "I believe the strategies and coaching style of Coach Eads are sure to help make us victorious. However, there is a lot of hard work ahead." As you can tell, this team is dedicated to becoming winners.

There is nothing better than when you begin to see the payoffs of hard work. Longer practice, more drills, odd hours can all be things that frustrate players. However, there are benefits, as point guard Latisha Poulard asserts. "After our first two weeks of practice, I feel that we have already improved with the help of Coach Eads. I think our team will be better disciplined and communicate better while on the floor. We will go farther." It is remarkable to know that the Lady Miners are sure to turn heads this season. Coach Alan Eads will definitely be one of the reasons why. UMR will be counting on his leadership.



Above: Head Coach Alan Eads instructs the Lady Miners during a game against Northwest Missouri State on February 22, 2003. The Lady Miners lost this game 56 to 86. Photo by Matt Bayne.

Right: Women's Basketball Team. First Row: Keri Hessel, Alexandra Bond, and Alicia Steinhour; Second Row: Tiffani Rhodes, Leah Maunus, Candace James, and Latisha Poulard; Back Row: Morgan Anderson, Birute Paulauskaite, Leah Kessenich, Rebekah Judy, and Kim Stratton. Not shown: Head Coach Alan Eads and Assistant Coach Marcus Payne. Photo submitted by athletic department.



Below: Lady Miner player takes a free shot in game against Northwest Missouri State on February 22. Photo by Matt Bayne.



Women's Basketball Scores

Final Record: 5 - 20



Above: Both teams look on as a goal is attempted in hopes of the rebound. The game was played against Northwest Missouri State on February 22. Photo by Matt Bayne.

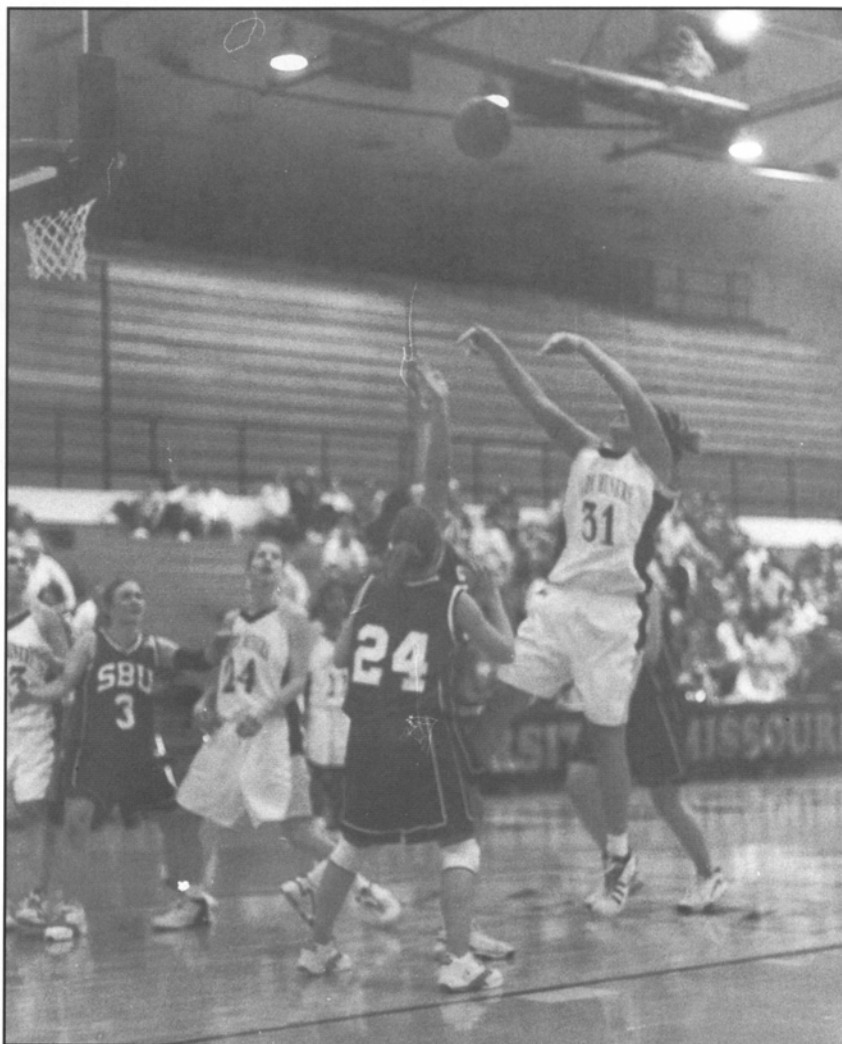
W	Westminster	68	50
L	St. Gregory's	50	65
W	Kentucky Wesleyan	74	72, OT
W	Central Methodist	78	52
L	Columbia College	56	63
L	Lincoln	50	58
L	Harding	46	70
L	Ouachita Baptist	48	66
L	SIU - Edwardsville	60	64
L	Southwest Baptist	58	84
L	Emporia State	47	83
W	Pittsburg State	55	52
L	Washburn	42	79
L	Central MO State	54	70
L	Missouri Western	59	82
W	Truman	74	49
L	NW Missouri State	37	51
W	Missouri Southern	60	53
L	Emporia State	63	66
L	Pittsburg State	63	75
L	Washburn	44	79
L	Central MO State	52	71
L	Missouri Western	41	47
L	Truman	66	87
L	NW Missouri State	56	86
L	Missouri Southern	53	69
L	Southwest Baptist	53	54



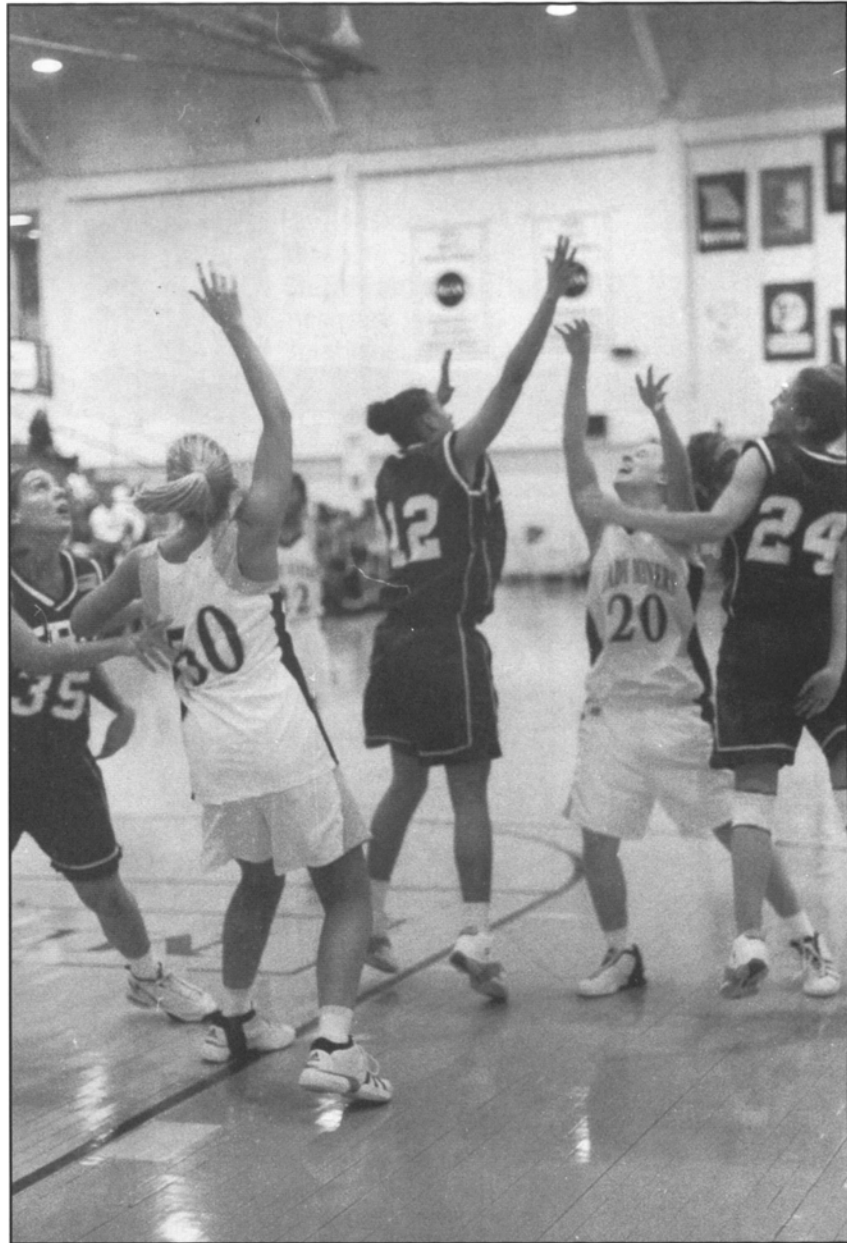
Below. Miner guard passes the ball to teammate in Southwest Baptist game. The Lady Miners narrowly lost the game 53-54. Photo by Rachel Struby.



Below. Leah Kessenich, center from Pewaukee, WI, attempts a shot in game against Southwest Baptist University. Photo by Rachel Struby.



Above. Junior guard Latisha Poulard (Kokomo IN) dribbles the ball despite attempts from Southwest Baptist University to steal it. Photo by Rachel Struby.



Top left. Lady Miners and opponent look on in expectation of the next play. Photo by Matt Allen.

Bottom left Birute Paulauskaite, junior guard from Lithuania, takes a moment to rest during game. Photo by Matt Allen.

Top right. Miner and Southwest Baptist University players reach for the rebound. Photo by Rachel Struby.

Right. Morgan Anderson, senior guard from Spring Grove, IL, watches to see if her free shot makes it. Photo by Matt Allen.

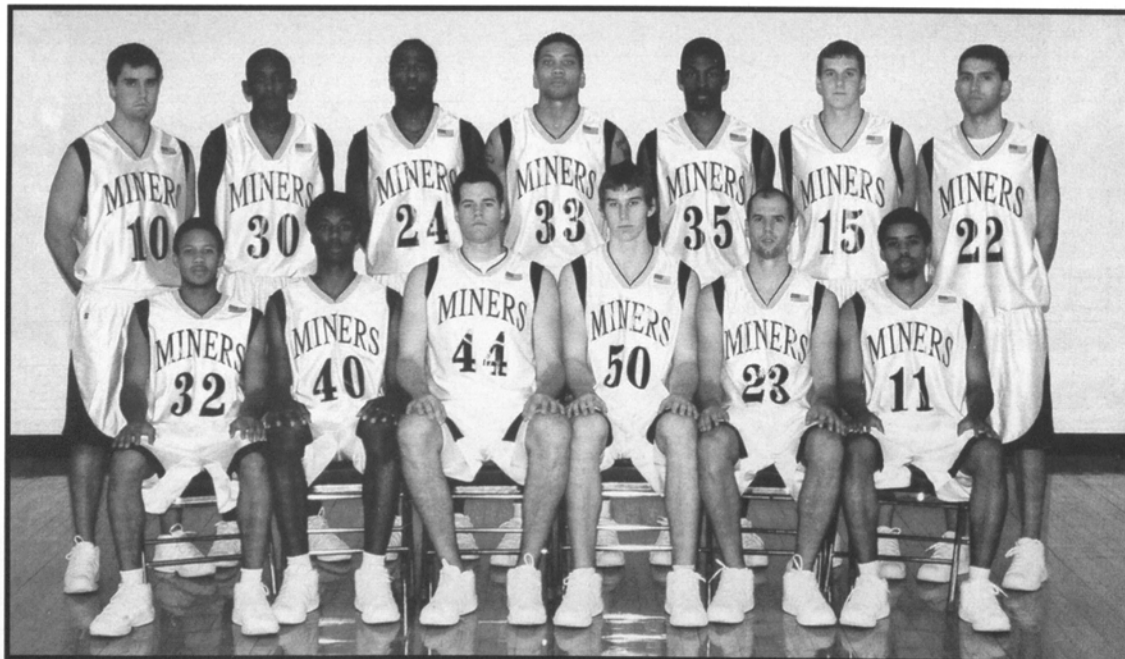


Working Together Towards Success

Below. Head Coach Dale Martin instructs players during a break in game. Photo by Matt Bayne.

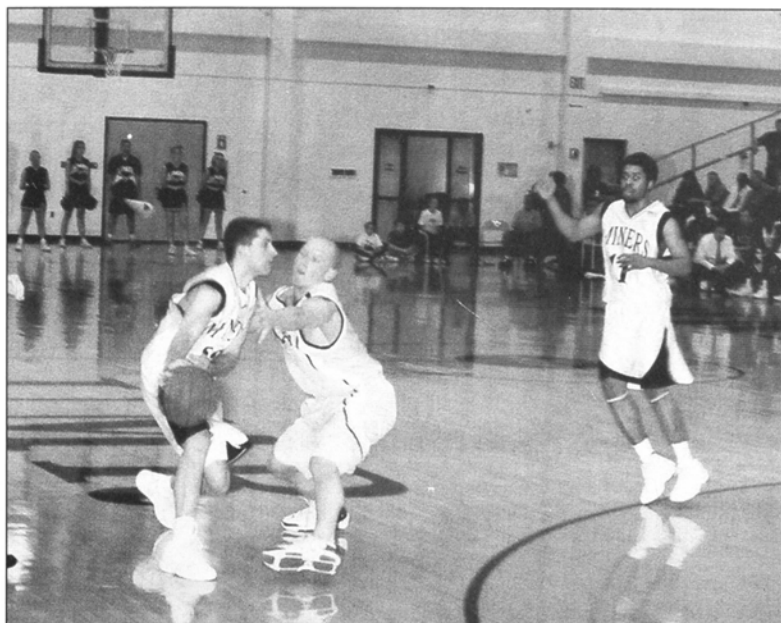


Below. First Row: Erick Richardson, Stanley Brooks, Brian Westre, Josh Shaw, Matt Williams, DeAndre Johnson. Second Row: Brad Fischer, DeMario Butler, Mark Grim, Damian Henderson, Eric Perry, Eric Wessel, and Kerry Darting. Not pictured: head coach Dale Martin and assistant coach Marc Lowe and student assistant Pat Carson. Photo submitted by athletic department.



Men's Basketball Scores

Final Record: 12 - 15

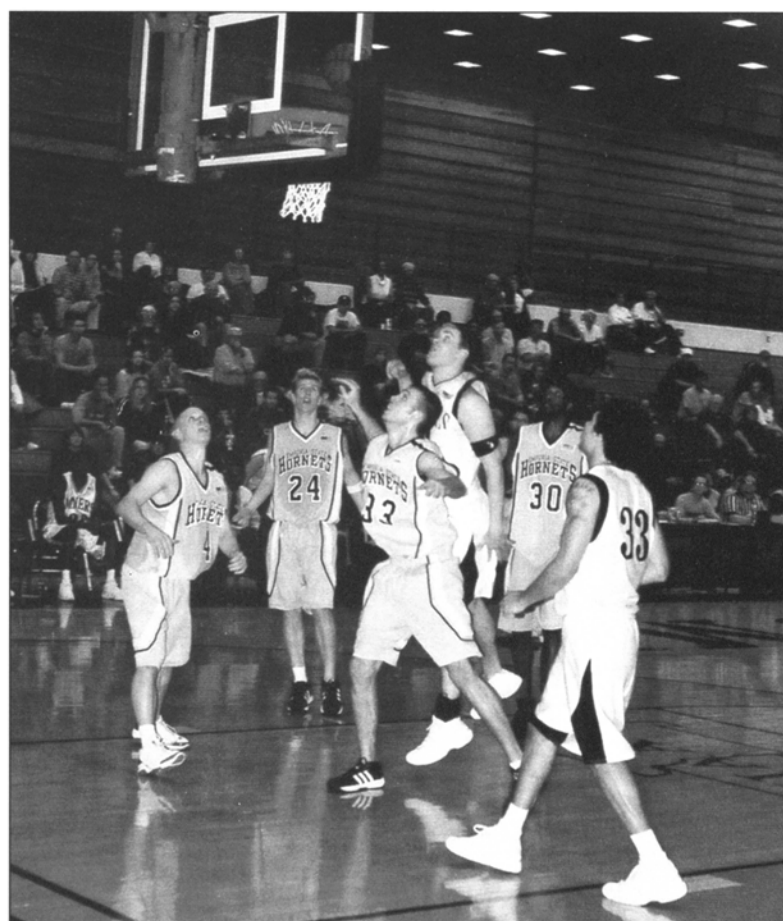


Above: Miner basketball player tries to pass ball despite Emporia State's aggressive blocking. Photo by Matt Allen.

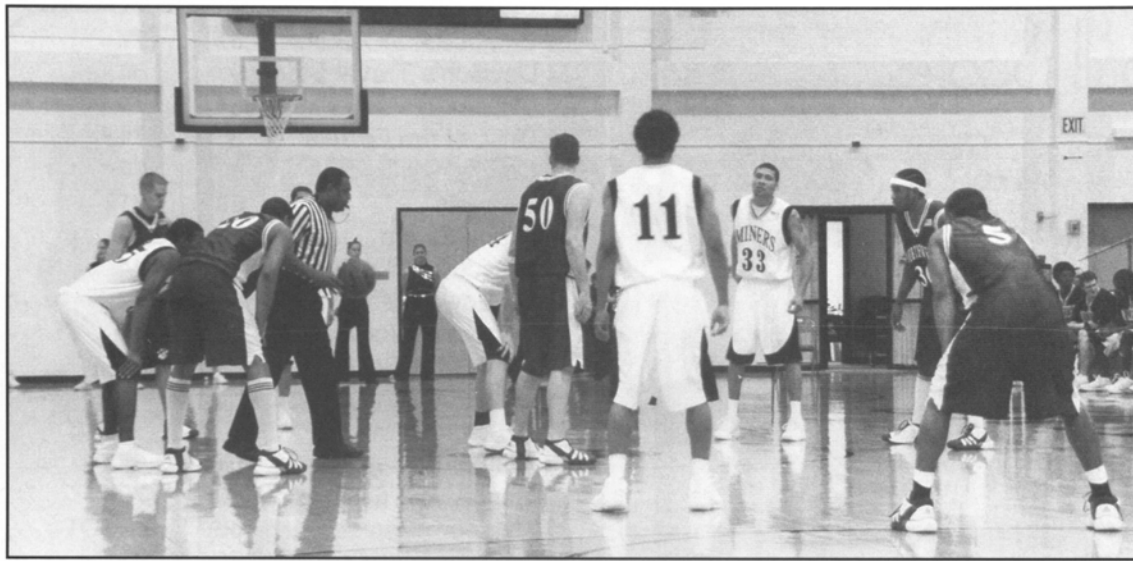
L	Southeast MO State	53	77
W	Dawson's Travel Stars	97	64
L	Lincoln	54	79
W	Univ. of the Ozarks	86	71
W	Central Oklahoma	83	78
L	Hillsdale	68	81
W	Harris-Stowe	91	60
W	Missouri-St Louis	50	44
W	St. Edward's	89	79
L	Incarnate Word	49	68
W	Southwest Baptist	71	67
L	Emporia State	57	75
L	Pittsburg State	67	79, OT
L	Washburn	51	67
L	Central MO State	70	72
W	Missouri Western	68	61, OT
W	Truman	70	62
L	NW Missouri State	58	70
W	Missouri Southern	65	61
W	Emporia State	76	69
L	Pittsburg State	64	78
L	Washburn	71	84
W	Central MO State	70	69
L	Missouri Western	64	85
L	Truman	58	79
L	NW Missouri State	54	75
L	Missouri Southern	54	75
W	Southwest Baptist	86	63
L	Missouri Western	56	73



Above: Miner team member tries to steal basketball from Emporia State's team member. Photo by Matt Allen.



Above: Emporia State's players look on in hopes of rebound while Miners wait in hope of the two points. Photo by Matt Allen.



Above. The Miner basketball team prepares to start the game against Northwest Missouri State. Photo by Matt Bayne.

Below. With about 30 seconds left on the clock in the second period, and the Miners down by one point, they hustle to get the ball down the court. Photo by Ryan Bales.



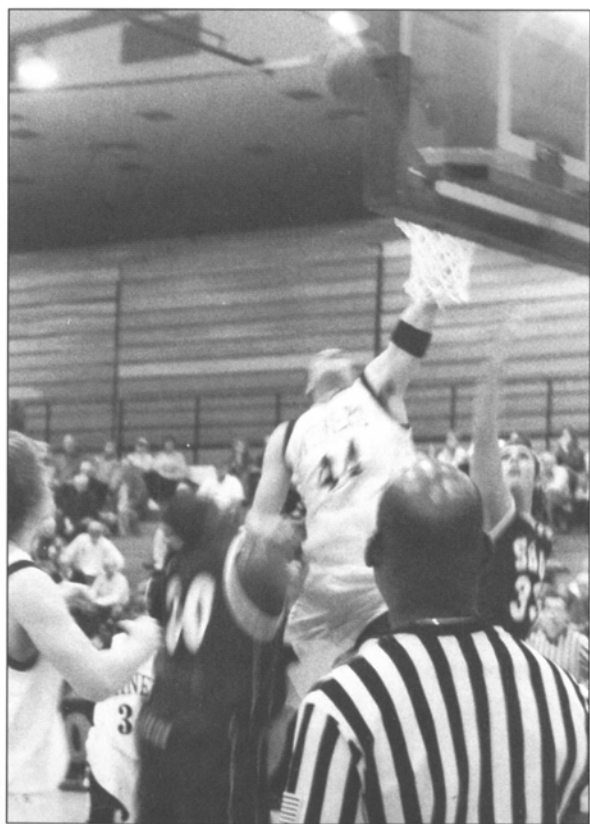
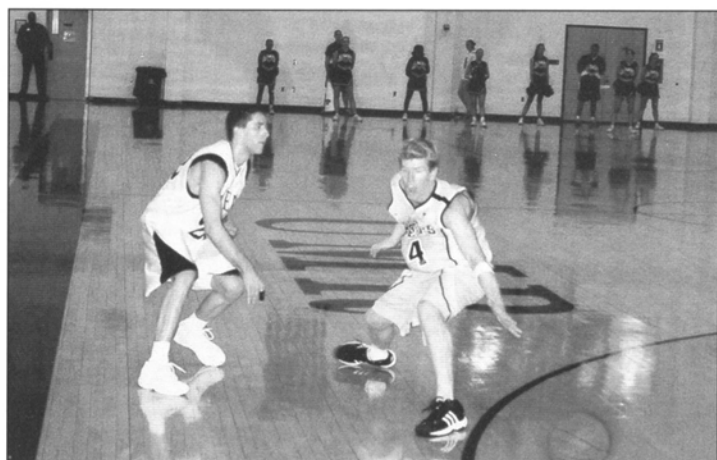
Above. The ball is up in the air. Who is going to get it? Photo by Ryan Bales.

Below. DeAndre Johnson looks around for team mates to pass to when in a bind. Also shown are UMR players Eric Perry (right) and Erick Richardson (middle). Photo by Matt Bayne.



Right.. Though the Miners worked hard to defeat Northwest Missouri State, the attempt failed. The Miners lost 54-75. Photo by Matt Bayne.

Below: A Miner basketball player bounce-passed the ball to a teammate, frustrating the competition. Photo by Ryan Bales.



Above. Junior Brian Westre attempts a goal during game against Southwest Baptist University. Photo Rachel Struby.

Below. Junior Kerry Darting takes a three pointer shot. The Miners won this game 86-63. Photo Rachel Struby.

Practice Makes Perfect

by Karen D'Souza

Swimming is one of the bigger athletic events that capture young hearts at Rolla. Being a difficult, yet tantalizing sport, it requires a great deal of determination and hard will. Several students practice for hours at end in the pool at the Multipurpose building, located a short distance from Castleman hall, within the Rayl cafeteria vicinity.

When asked for an interview based on the honors he received concerning the national swimming championship, Jack Pennuto explained he would be swimming laps around the pool at 4:00pm and could be interviewed then. Pennuto participated in several events last year, some of which included the hundred yard backstroke, the two hundred yard backstroke, the hundred yard butterfly, the two hundred yard butterfly, the two hundred yard individual medley, the four hundred yard individual medley, the two hundred yard medley relay, the four hundred yard medley relay and the eight hundred yard freestyle relay. That just goes to show how ambitious our young swimming champions were and in the course of events, probably will continue to be. "Being a competitor was the main trait that was essential," said Coach Grooms, "Not astonishingly, swimmers are strongly motivated by their amazing capacity to reach their potential. Jack Pennuto qualified for the finals by hard work and being a true competitor."

Holding ones breath under-water is definitely an achievement and can be categorized as a unique talent. When asked what inspired him to participate in the swim team,

Vanja Ivan Dezelic replied, "As a little boy, I tried out many sports, from soccer and tennis to handball or skiing, etc.... I didn't really experience anything ecstatic about terrestrial sports." That's right, Ivan was born an amphibian. He believed water was the key to his desire. "Eventually, my parents realized that I adored water. During summer, I was always around water, either at the pool or at the beach, so in 1986, when I was six years old they enrolled me in swimming lessons at 'Mladost' Swim Club in Zagreb, Croatia. To this day I am grateful for that decision, because right at the beginning I knew that this was going to be something I would have fun with and enjoy." He even claimed that he felt like a dolphin under-water, which is more that a lot of swimmers could say for themselves. "I just really had fun with it. No matter how much I bitched, no matter how low I felt, it was truly a memorable time in my life, and I wouldn't change it for anything."

Whoever said 'practice makes perfect', was incredibly serious. Practice requires time, effort and above all, a goal. Practice can also spark up stamina and ambition. The Miners practiced at least ten times a week. On 16th March 2002, the Miner quartet earned their second title at the NCAA division II nationals and broke the UMR school four hundred free style relay record during the course of their journey to the top. After five years of coaching, Coach Grooms claims to have loved his work. "Students have a tendency to reach their potential," he said, "be it in the classroom or the pool! But what was remarkable about the Miners' performance, was their ability to stick together." The Miners swam brilliantly and their performance was definitely more than satisfactory.

Several members of the UMR swim team were of the opinion that they were amongst the top ten teams of division II, in comparison with other universities. When asked if they would like to alter anything about their team, a few demanded more scholarships. Sure, scholarships played a significant role in igniting determination and boosting up stamina, which is probably why there was a plausible demand for more. Coached by Doug Grooms, the Miners displayed a remarkable attitude and work ethic. Apparently, it will be hard for Coach Doug Grooms to select an equally competitive and ambitious swim team that will replace the 2002- 2003 swim team and match their determination as well as their skill. "What could've been improved about last year's performance," said Grooms, "was if we'd stayed away from injuries at the end of the season. We would definitely have put up a stronger fight."

Team Roster

Matt Adams, Paul Adams, John Cochran, Sean Garceau, Justin Gorson, Phil Heller, Ben Karstens, Ryan Lowe, Andy Lozier, Scott Massengale, Mike Minard, Sean O'Donnell, Bram Olson, Jack Pennuto, Tanner Woodman, Head Coach Doug Grooms, Student Assistant Coach Dave Belleville, and Student Manager Jennifer Cook. Photo by Chris Lambert.

W	Henderson State	64	31
W	Delta State	124	82
L	Drury	90	123
	Wash U Thanksgiving Invitational	2nd / 7	
	AR- Little Rock Invit.	4th / 7	
W	Ouachita Baptist	123	79
W	St Louis	67	44
W	Western Illinois	72	39
	Wash U Invitational	1st / 7	
	Central States Invit.	3rd / 6	
	NCAA Championships	13th / 30	

A Patient Sport

by Dave Bryant

"This year's team was really young," said Ray Leuellyn, "the players needed more consistency, but this year's experience has served them well. The team stayed together when things weren't going well." The team Coach Leuellyn is talking about is the UMR golf team. And he is quite serious when he calls the team young. With only a handful of upperclassmen, the team was primarily made up of underclassmen with something to prove. The team's MVP Craig Dudenhoeffer added, "They all seem to get better as the year went on and they all realized that the game is more mental than physical."

"These guys are really talented golfers. But, our guys can't afford to put the time in that other schools require of their players. Academics are their first priority," said Leuellyn.

The season began with a pair of tournaments in September in Miami, Oklahoma. The team took 10th at both of these events. They then played at the Southwest Baptist Invitational on September 30-October 1 in Bolivar, Missouri, where they placed 6th

The team then had its best showing at the UMR Invitational at the Oak Meadow Country Club on October 7 and 8, where they took 3rd. This was in spite of a tragedy that occurred the members had just learned that former golfer Dan Irsik had been in an accident the night before the tournament started. "Dan's passing put things in perspective... it was very difficult for some of the players to play their best because they were really close. We still miss him and his name comes up often," said Leuellyn. However, they managed to play their best game of the season. "It felt good to see the team perform so well. It reaffirms my contention that they can compete with the best teams out there on any given day," said Coach Leuellyn.

The fall season ended with the Drury Invitational in Springfield, Missouri on October 14 and 15. The golf season picked back up again at the end of March, with the Missouri Western Invitational. A major accomplishment was made at this tournament by Craig Dudenhoeffer, who took seventh place. The team then competed in the Missouri Southern Invitational in Joplin, Missouri, then competed in the Washburn Invitational in Topeka, Kansas on April 21-22. The team then competed in the MIAA championships in Lawrence, Kansas.

The season ended with a major change from prior seasons - the team was able to compete in the NCAA Regionals. The team had not made it to compete in the regional tournament in more than thirty years. The tournament took place on May 5- May 7 in Bolivar, Missouri. Craig Dudenhoeffer placed 11th, and UMR student Jason Cahill placed 23rd.

Of course, the team did not make it this far without some difficulty. "Losing our number 3 man, Nathan Boeh, the second semester was a really big blow to the team, and a few other players had to leave. But, the remaining players stuck together, supported each other, and they all really contributed," said Coach Ray Leuellyn.

Throughout the season, the golf team kept a positive attitude. "One reward through life is that golf makes you extremely patient. Anyone who knows me will agree that I'm patient and way too calm, but that's what I think it takes to be a great golfer," said Dudenhoeffer.

Team Roster

Nathan Boeh, Jason Cahill, Kyle Darnell, Craig Dudenhoeffer, Robert Ford, Ron Hardee, Craig Heinzmann, Hal Loket, Andrew Meyerott, Ryan Riess, Zach Rode, Ho Yang Son, Nathan Tritsch, Nick Wheeler, Ben Worman, and Head Coach Ray Leuellyn

Missouri Western Invit.	15th / 16
Missouri Southern Invit.	8th / 10
Washburn Invitational	8th / 8
MIAA Championships	8th / 8
NCAA Regionals	11th & 23rd / 44
NE Oklahoma A&M	10th / 13
Pittsburg State Invit.	10th / 13
Southwest Baptist Invit.	6th / 8
UMR Invitational	3rd / 9
Drury Invitational	20th / 21



Reaching New Heights



Above: Mike Serniak competes in the 5,000 meter race and placed 5th. Photo submitted by track and field team.



Above: Justin White competes in the 5,000 meter race and placed 5th. Photo submitted by track and field team.



Above: Sam Patterson competes in the 5,000 meter race and placed 5th. Photo submitted by track and field team.

Team Roster

Justin Ayers, Chris Barnes, Tes Berhe, Jeremiah Bridges, Mike Brower, Jason Chase, Tyson Goeppinger, Justin Hall, Ahmed Hameed, Charlie Hawkins, Nathan Hedden, Avian Jordan, Steve Kerr, Walter Kramb, Dan Lester, Brandon Marchegiani, Rodrick McDonald, Kevin McGuire, Aaron Parker, Sam Patterson, Josh Pruesser, Aaron Reno, Nick Schreiner, Adam Schuerman, Justin Semsch, Mike Serniak, Drew Siebert, Jamel Sims, J.R. Skola, Tyrone Smith, Joe Stehly, Aaron Ticknor, Justin White; Coaches: Sarah Preston, Jason Jaques and Student Assistants: Sterling Hodrick, Chris Keithley

Eastern Illinois Mega Meet
Arkansas State Invitational
Fazoli's All-Comers
Saluki/USA Open
Butler Cannon IV Classic
CMSU Classic
MIAA Championships
NCAA Championships
Truman Open
Missouri Relays
SIU-Edwardsville Classic
Kansas Relays
Mule Relays
SIUE Twilight
MIAA Championships
Emporia State Qualifier
NCAA Championships





J.R. Skola competed in the NCAA Track Meet in pole vaulting.

Left. J.R. Skola concentrates in preparation to compete. Photo by John Kean.

Below. J.R. Skola finished 6th in the competition and earns his second All America honor. Photo by John Kean.



Above. J.R. Skola flies over the pole. Photo by John Kean.

Below. Josh Pruesser competed in the Shot Put competition in the Truman Invitational. He placed 5th in this competition. Photo submitted by the track and field team.



Below. Aaron Ticknor runs the 400 meter dash at the Truman Invitational. Aaron came in sixth in this event. Photo submitted by track and field team.



Below. Jason Chase, Adam Schuerman, Charlie Hawkins compete in the 800 meter run. Jason placed 7th, Adam placed 5th, and Charlie placed 6th in the Truman Invitational. Photo submitted by the track and field team.



Above. Tes Behre competed in the Truman Invitational in the 5,000-meter run. He placed 16th in the competition. Photo submitted by track and field team.

Below. Rodrick McDonald placed 6th in the 200 meter dash at the Truman Invitational. Photo submitted by track and field team.



Above. Charlie Hawkins, fourth from right, competes in the 1500 meter run during the Truman Invitational. He places 2nd in the race. Photo submitted by track and field team.

Right. Senior Walter Kramb can be seen here in the 1500 meter run at the Truman Invitational. He placed 17th in this event. Photo submitted by the track and field team.



Left. Kevin McGuire competes in the 3000 meter steeplechase race at the Truman Invitational. He placed 6th in this event. Photo submitted by track and field team.

Goin' Places

NCAA Division 2 Championships

Right. Jamie Webb prepares to run in a race during the championships tournament. Photo by John Kean.



Below. Jamie Webb starts out in the 200 meter dash in the NCAA Division 2 Championships. She placed 22nd in this category. Jamie also competed in the 100 meter dash, finishing 20th. Photo by John Kean.



Team Roster

Terri Barnes, Erin Carey, Rachael Gliottoni, Kate Hamera, Candace James, Alicia Joannes, Julie Orlich, Latisha Poulard, LaShanta Teaberry, Auburn Walker, Jamie Webb; Coaches: Sarah Preston, Jason Jaques; Student Assistants: Sterling Hodrick, Chris Keithley

Eastern Illinois Mega Meet
Arkansas State Invitational
Fazoli's All-Comers
Saluki/USA Open
Butler Cannon IV Classic
CMSU Classic
MIAA Championships
NCAA Championships
Truman Open
Missouri Relays
SIU-Edwardsville Classic
Kansas Relays
Mule Relays
SIUE Twilight
MIAA Championships
Emporia State Qualifier
NCAA Championships





Left. Alicia Joannes and Julie Orlich compete in the 800 meter run during the Truman Invitational. Alicia placed 7th, followed by Julie placing 8th. Photo submitted by track and field team.



Right. Cassidy Voleck came in fourth in the 400 meter dash at the Truman Invitational. Photo submitted by track and field team.



Left. Jamie Webb (third from right) and Terri Barnes (second from right) compete in the 100 meter dash in the Truman Invitational. Jamie came in second and Terri came in fifth. Photo submitted by track and field team.



Right. Kate Hamera won the 1500 meter run by nearly eight seconds at the Truman Invitational. Photo submitted by track and field team.



More NCAA Division 2 Championships

Left. Kate Hamera prepares to compete in the 1500 meter race. Photo by John Kean.

Right. Kate Hamera is shown here running at the head of the pack. Photo by John Kean.



Below. After the hard work of the race, Kate finishes third place. She gets her first All-America honor with this win. Photo by John Kean.



Setting the Standards

by: Kelley Hummingbird

Coach Travis Boulware must be proud of his baseball team this season. Not only has the team been most improved under his coaching in the history of UMR baseball, they added another winning season to their record. They finished with a record of 20 wins 19 losses overall, and an Mid America Intercollegiate Athletics Association record of 13 wins 16 losses. Their overall record was improved from their 14-27 record in 2002.

Coach Boulware credits the wins to the solid pitching and improved speed of the team. There were three pitchers in rotation, and others who got innings. The pitchers that contributed to the team were Tim Walter, Steve Hiatt, and Mike Mahoney.

Walter had an earned run average of 5.66 and a record of 4-2 for the season. Mahoney had an ERA of 4.42 and a record of 4-4, and Hiatt had an ERA of 4.73 with a record of 3-4. Hiatt was named "Pitcher of the Week" by the MIAA for the week of April 28.

Besides having a strong pitching staff, four of the team's five hitters were back this season from last season. Statistically, the top batters this season were James Brandt, with a batting average of .432, Eric Cummins, with an average of .376, Barrett Sill with an average of .375 and Tyler Heck and Vince Sanvi tied with a record of .370.

Catcher Eric Cummins was named to the All-MIAA first team. Through the season, Cummins had a team high of 50 hits. He also had 28 runs scored, 27 RBI's, 8 doubles, 2 triples, and 4 home runs for the Miners. Cummins is also ranked ninth in hitting in the MIAA.

First Baseman Vince Sanvi was named to the All-MIAA second team. Sanvi had 47 hits, 27 RBI's, and lead the team in doubles with 13, tied for homerun lead with 5, and total bases with 75.

Three players received an All-MIAA Honorable Mention: outfielder Clint Moss, outfielder Tyler Heck and D.H. Kyle Hamilton.

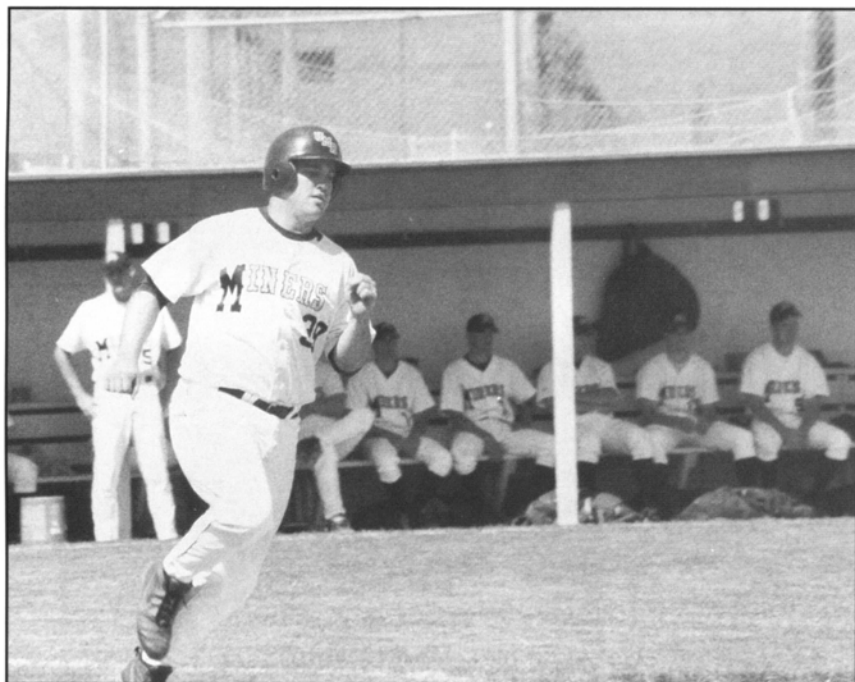
Moss had a batting average of .300, 48 hits, 29 runs scored, 66 total bases, and led the team with 12 stolen bases. Heck had 29 runs scored, 47 hits, 12 doubles, 2 triples, and 4 homeruns. Hamilton had a batting average of .298 and 5 homeruns.

In addition to MIAA honors, two Miners were named to the Verizon Academic All-District team. Eric Cummins was named to the first team, and second baseman Steve Hopkins was named to the second team. Hopkins had a .308 batting average, tied in leading homeruns with 5, had 32 runs scored, and 30 RBI's.

"We had one of the strongest lineups in the conference and at times showed that we can be a great ball club. We will be losing a few seniors that will be tough to replace, and were very key to our success, but we will be solid next year," said Clint Moss, junior. "With a few new arms in the bullpen, we can be a top three team in the MIAA, and should be in the conference tournament next year."

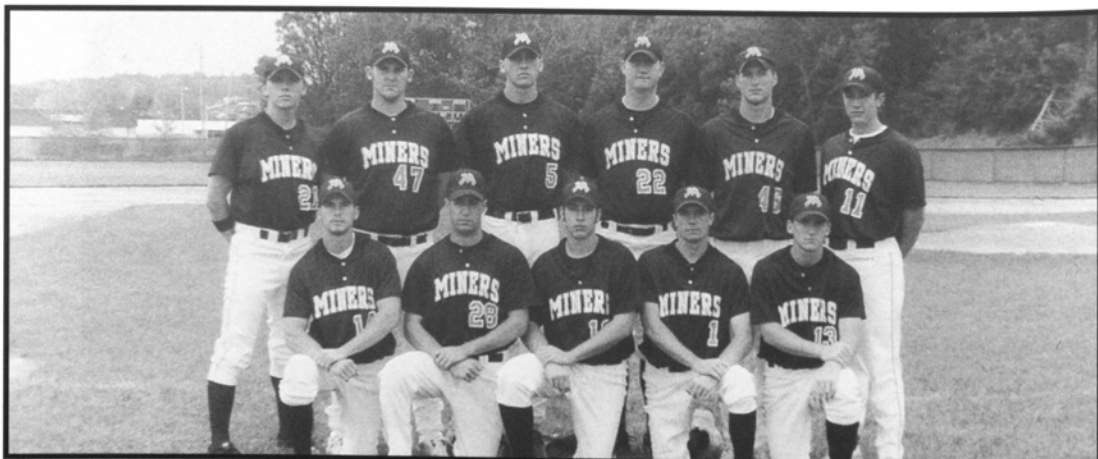
Freshman Tyler Heck had this to add: "We let some games get away from us in the late innings this past season, and I hope we can improve upon that next year. This year was pretty successful. I'm just glad to be here, happy to make a contribution to the team, and, God willing, everything will work out alright."

The Miners will be losing six of their seniors, all of which were key players this season. However, talent in the underclassmen will be vital for next season. The Miners may have had a few ups and downs this season, but they're hoping that next season will, once again, bring more ups than downs.



Above. Senior First-Baseman, Vince Sanvi (Stanton, IL), rounds the bases at game played against Southwestern Baptist on April 22. Photo by Brad Swaters.

Team Roster. Jarrod Head, Aaron Clarke, Dustin Phelps, Stephen Read, Matt Macormic, Tim Erickson, Tyler Heck, Zack Hawks, Clint Moss, Eric Cummins, David Neely, Mike Mahoney, Barrett Sill, Steve Hopkins, Brad Culen, Nathan Palmer, Brian Bertelsen, Nick Correnti, Ben Pfeffer, Ryan Griffin, James Brandt, Bill Gregory, Anthony Laughlin, Jon Zemann, James Coit, Curt Ledbetter, Steve Hiatt, Kyle Hamilton, Tom Morris, Jarrod Weiss, Ben Burford, Josh Holland, Michael Bell, Eric Lemcke, Vince Sanvi, Dallas Blasdel, Chris Reeves, Eric Walling, Tim Walter, and Scott Swiezynski; Head Coach Travis Boulware; and Assistant Coaches Gabe Converse, Brian Kekec, and Brad Barton. Photo by Chris Lambert.

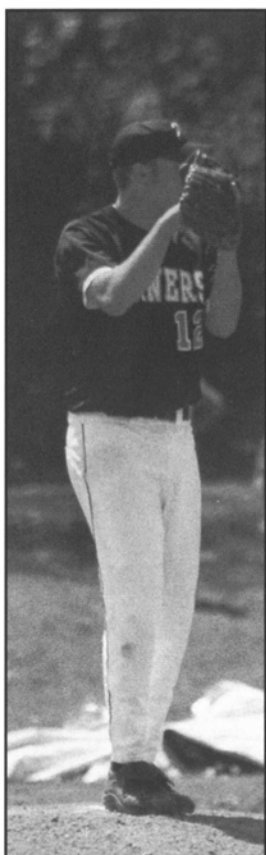


Men's Baseball Scores

Final Record: 20-19



Above. Senior Pitcher, Scott Swiezynski (Wilmington, MA), pitches ball to opposing team. Photo by Brad Swaters.



Above. Senior pitcher and third baseman, Mike Mahoney (Excelsior Springs, MO) prepares to pitch. Photo by Brad Swaters.



Above. Sophomore Third Baseman, Tom Morris, focuses on the upcoming pitch. Photo by Brad Swaters.

W	Westminster	6	1
L	Westminster	0	4
L	Ohio Dominican	3	4
L	Ohio Dominican	7	9
W	Marietta	4	1
W	Truman	6	4
W	Truman	11	1
W	Marietta	7	1
W	Missouri Southern	9	3
L	Missouri Southern	10	14
L	Central Missouri State	3	6
L	Central Missouri State	2	13
L	Missouri Southern	2	7
L	Missouri Southern	6	7
W	Southwest Baptist	17	5
W	Southwest Baptist	15	13
L	Central MO State	3	13
L	Central MO State	2	8
W	Washburn	6	1
W	Washburn	9	10
L	Washburn	6	5
L	Pittsburg State	9	11
L	Pittsburg State	5	6
W	Emporia State	10	6
L	Emporia State	11	13
L	Emporia State	3	7
W	Northwest MO State	7	4
W	Evangel	16	4
W	Evangel	13	12
W	Southwest Baptist	5	4
L	Southwest Baptist	5	6
W	Truman	10	3
L	Truman	2	3
W	Truman	3	1
W	Pittsburg State	5	1
L	Pittsburg State	6	8
L	Missouri Western	1	6
W	Missouri Western	8	0
W	Missouri Western	6	5

Gaining Experience and Confidence

by Kelley Hummingbird

With five players earning Mid-America Intercollegiate Athletics Association (MIAA) honors, and Coach Dave Burwell being named MIAA Co-Coach of the Year, the Lady Miner softball team was loaded with potential for the 2003 season. The miners finished the season with a record of 19 wins and 26 losses, much improved from the 13-33 record last year. Their MIAA conference record was 7-11 for the season.

Only six players returned from last year's team, but the arrival of freshmen and transfers offered new hope for a new season. Although there were many new faces on the team, a strong sense of camaraderie quickly formed among the players.

"This team had not only the best talent and potential since I have been playing here, but also the strongest bonds as well," Center Fielder Molly Balke, junior, said. "Everyone meshed well together and where one person may have been a little off one day, another player was right there to pick her up."

One of the most noticeable changes to the Lady Miner line-up was the addition of two new pitchers. Transfer Christy Deken, junior from Poplar Bluff, Missouri and Renee Roberts, freshman from Columbia, Missouri contributed to defense and gave the team a great boost for the season.

Deken was named to the All-MIAA first team with a 9-14 record and a 1.25 earned run average, which placed her sixth in the MIAA. She led the MIAA in strikeouts, pitching 176 in 156.2 innings, and ranked 23rd in NCAA division II. She threw two no-hitters and three one-hitters during the year. Roberts was an honorable mention, with a 9-10 record and a 1.41 ERA.

Also named to the All-MIAA first team was Janet Borgmeyer, junior. Borgmeyer, who batted lead-off most of the season, led in hitting with a .314 average, 24 stolen bases, 44 hits, 24 runs scored, and 13 run batted in. Borgmeyer's stolen base average was ranked 25th in NCAA division II.

Other MIAA honorable mention players were junior Jenny Meitz, a transfer from Pacific Missouri, who had 14 RBIs, and junior Molly Balke, who was named to the all-MIAA first team last season. Balke had a batting average of .252 and 9 stolen bases.

Although the team had an abundance of talent, they were unfortunately plagued by injury, which may have added to the losses on their record. Four players were injured, ranging from shoulder injury to broken fingers.

Sophomore Heather Maggard was out for the season after enduring shoulder surgery, but after a summer of physical therapy, she hoped to return the following season. Maggard was a second team All-MIAA player as a freshman, and would no doubt be an important member of the team after her return.

The Lady Miners played many extra innings and one-run games; however, bad decisions and lack of execution caused several of their losses. The team wasn't down and out though; they looked forward to next season. With many young players returning who gained experience and confidence from the season, the 2004 season was sure to be an exciting ride.



Above: A player from Northwest MO State tries to slide into base as a Lady Miner tries to tag her out in time. Photo submitted by publications office.



Above: Jenny Meitz pitches the ball to the opposing team. Photo submitted by publications office.

Softball Scores

Final Record: 19 - 26

MIAA: 7: 7 - 11



Above: Lady Miner Christy Deken takes a swing at the ball thrown to her by Northwest MO State. Photo submitted by publications office.

Below: In a show of good sportsmanship, the Lady Miners high five the opposing team. Photo submitted by publications office.



Team Roster

Sarah Butler, Erin Butler, Sandy Wagner, Emily Johnson, Heather Maggard, Jenny Meitz, Gina LoBello, Abby Pittroff, Christy Deken, Molly Balke, Renee Roberts, Kelly Hopkins, Jennifer Triplett, Janet Borgmeyer, Amie Fugiel, Stacey Fletcher, Leslie Olson; Head Coach: Dave Burwell; Student Assistant Coach: Rachel Helser, D.J. Loberg

L	St Cloud	0	3
L	Angelo State	0	11
W	Angelo State	2	0
L	St. Cloud	1	7
L	Missouri Western	5	6
L	Missouri Western	0	1
L	Northwest MO State	1	3
L	West Florida	2	4
W	Quincy	2	1
W	Lincoln	9	0
L	West Florida	1	2
W	Tarleton State	3	0
W	Lincoln	8	0
W	Lincoln	8	0
W	Kansas Wesleyan	6	1
L	Emporia State	3	4
W	Pittsburg State	3	1
W	Fort Hays State	5	0
L	SE Oklahoma State	0	2
L	Missouri Valley	2	3
L	Missouri Valley	2	5
L	Southwest Baptist	0	4
W	Southwest Baptist	5	1
L	Truman	0	3
L	Truman	2	3
W	Missouri Western	2	1
L	Missouri Western	2	3
L	Missouri Southern	0	1
W	Missouri Southern	2	0
L	Emporia State	1	2
W	Emporia State	4	0
L	Washburn	2	3
L	Washburn	0	1
W	Pittsburg State	1	0
W	Pittsburg State	1	0
W	NW Missouri State	5	1
W	Lincoln	1	0
W	Lincoln	2	0
L	Central MO State	1	5
L	Central MO State	0	3
L	Northwest MO State	0	1
L	Central MO State	0	3
W	Missouri Western	2	0
L	Truman	0	4
L	NW Missouri State	0	1



Stiff Competition Prevents Miners from Clinching Victories

by Toby Kurien

The 2003 Spring tennis season had a number of exciting matches. Though the season didn't go as well as hoped, the Miners achieved great performances against some teams. The Miners lost most of the meets, but the few they won were incredible wins. They won against Maryville at St. Louis, MO 9-0 and against Lyon at West Plains, MO 6-3. The Miners also won against Lewis & Clark CC in an Exhibition match at Rolla, MO with a score of 9-0.

"The Lewis and Clark match was like a replay of last semester's match," Michael Boeckelmann said. "We won handily and I don't think anyone really had any problems. I bounced back from injuring my thumb during the Westminster match to win both singles and doubles, which everyone did on our team."

The Miners played some solid tennis against Southwest Baptist University, which was ranked amongst the top 15 in the nation. Playing against some players from SBU who were ranked in the top 20 of the nation helped the Miners get into better shape.

Jorge Lopez, sophomore, said, "I think that this past season was very tough for us, but still, I think that some positive things were achieved. First of all, the weather did play bad on us, and we did not start the season as we may have wanted."

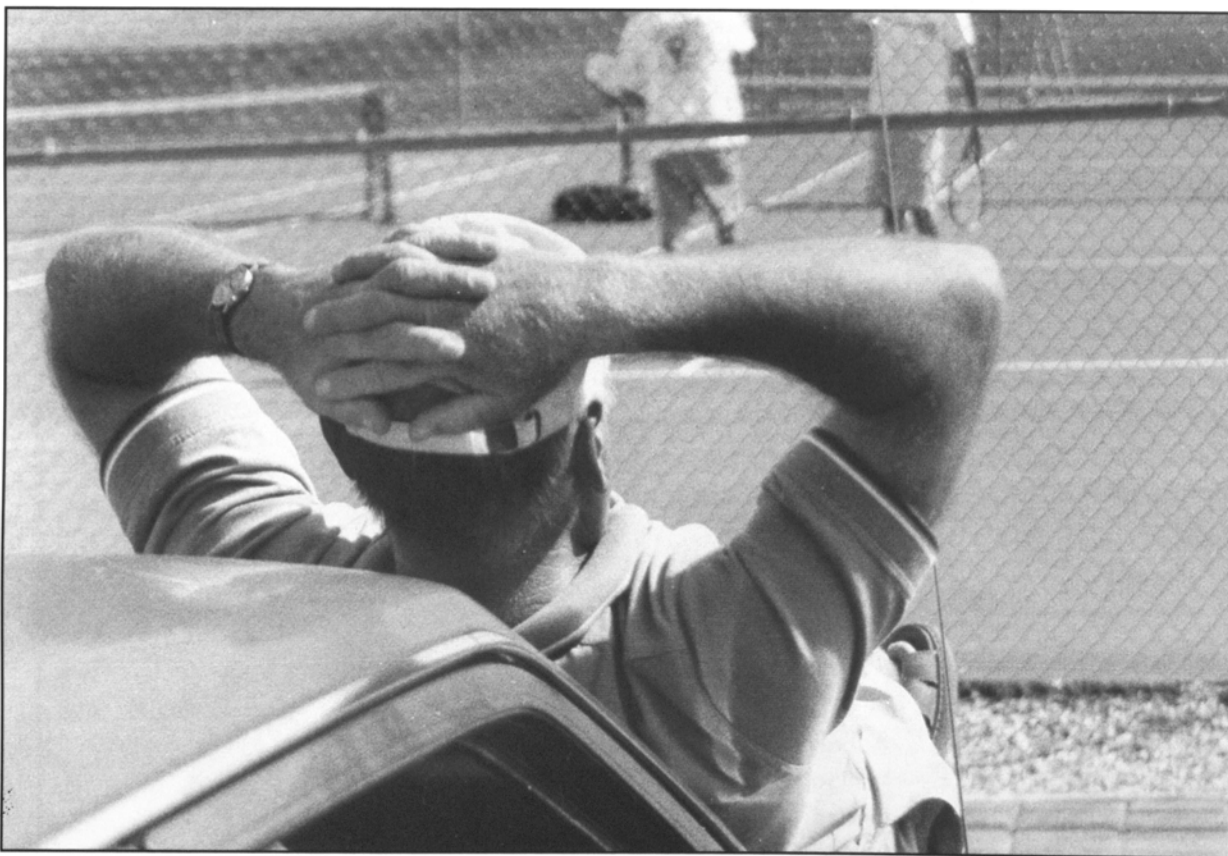
Another interesting match-up was against Northwest Missouri State which was ranked 34th in the nation. The Miners lost it 8-1; Lopez was the only player to earn a win that day.

"I think the team did ok since they were trying to do the best they could," Lopez said. The other win for the Miners was against Lyon at West Plains, Mo. which went 6-3.

The Miners lost the rest of the meets for the season, but they were in for some real tough competition. "The matches against Lyon and Maryville went pretty well. Everyone seemed to be on their games and we put together two good wins. Against Lyon, both Boeckelmann and Droszcz had exciting three set matches in which they both came out on top. My match was also very close, but I just couldn't finish the guy off," Posch said.

The conference matches didn't go as the Miners had hoped. "We got to the conference tournament and we lost Washburn in the first round, and that meant we were finally out of the tournament. We did feel a little disappointed about this season, but well, we did what we could," Lopez said.

Steve Posch and Michael Droszcz would be graduating, leaving the team with some promising fresh talent. Unfortunately, the team would not soon get the chance to use the experience they gained or prove that talent. As a result of budget cuts, the tennis program was slated to be cut for the 2003-2004 year.



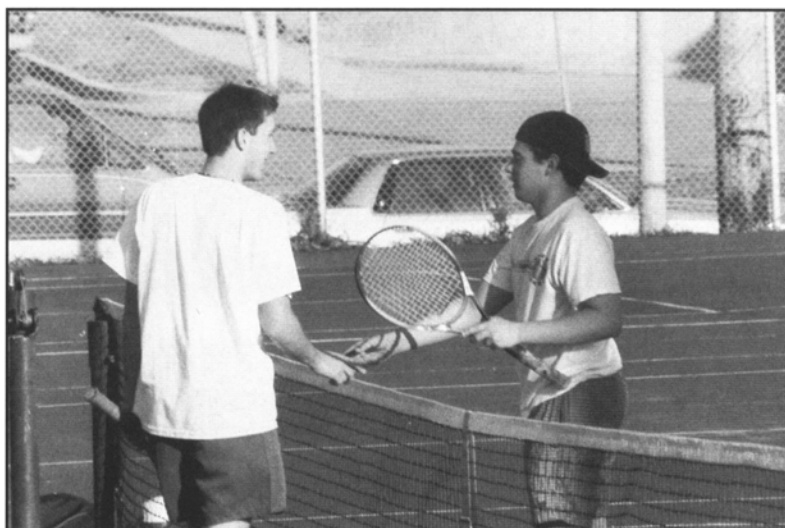
Team Roster

Michael Barrett, Michael Boeckelmann, Steve Burke, Michael Droszcz, Arturo Gutierrez, Jeff Leng, Jorge Lopez, Jacob Mizukski, Steve Posch, and Jeff Ward; Head Coach: Don Morris

Above. Coach Don Morris looks on as tennis teams plays through their matches. Photo by Matt Bayne.

Men's Tennis Scores

Final Record: 3-18



Above. In show of good sportsmanship, Michael Boeckelmann shook the hand of Nolan Pringle from Emporia State. Boeckelmann won both matches against Pringle. Photo by Brad Swaters.

L	Westminster	1	6
W	Lewis and Clark	9	0
L	Harding	0	9
L	Lidenwood	1	8
L	Quincy	3	6
L	Westminster	3	6
L	Emporia State	4	5
W	Lyon	6	3
L	Missouri-St Louis	0	9
W	Maryville	9	0
L	Washburn	0	9
L	Emporia State	1	8
L	Southeastern OK State	0	9
L	East Central	1	8
L	Southwest Baptist	2	7
L	Harding	0	9
L	Truman	0	9
L	Rockhurst	0	9
L	Missouri - St Louis	2	7
L	Northwest MO State	1	8
L	Washburn	0	5
L	Emporia State	2	7
L	Missouri Western	6	5



Above. UMR's Steve Posch and Michael Boeckelmann pair up in a match against Emporia State's Mettling and Bombardier. Posch and Boeckelmann defeated Mettling and Bombardier during this match. Photo by Brad Swaters.

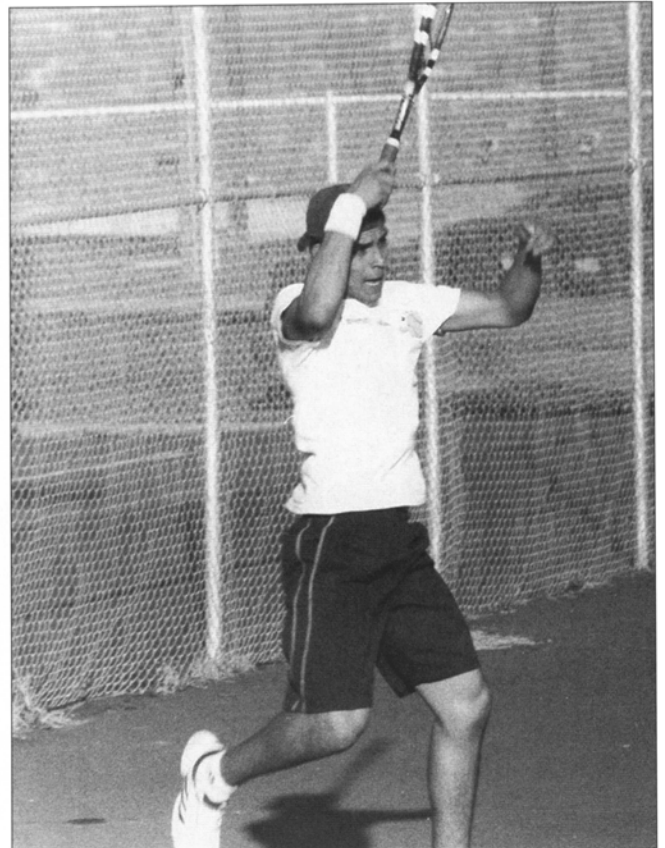


Above. Steve Posch and Michael Boeckelmann prepare to hit the ball in match against Emporia State's Mettling and Bombardier. Photo by Brad Swaters.

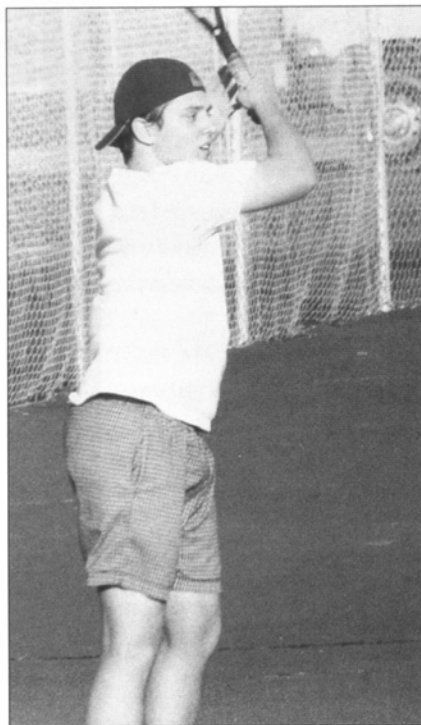


Left. Steve Posch and Michael Boeckelmann defeated Lewis & Clark's Enrico Kesjaw and Mitch Buscher, 8-2. Photo by Brad Swaters.

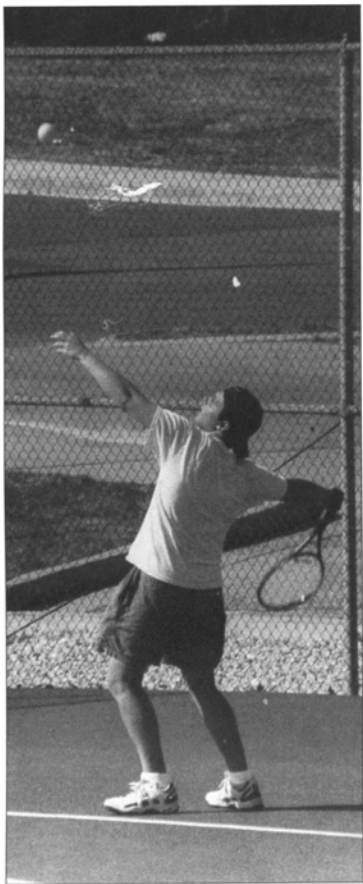
Below. UMR tennis player Michael Boeckelmann plays against Lewis and Clark's Mitch Busche. Boeckelmann won both matches against him, 6-0 and 6-2. Photo by Brad Swaters.



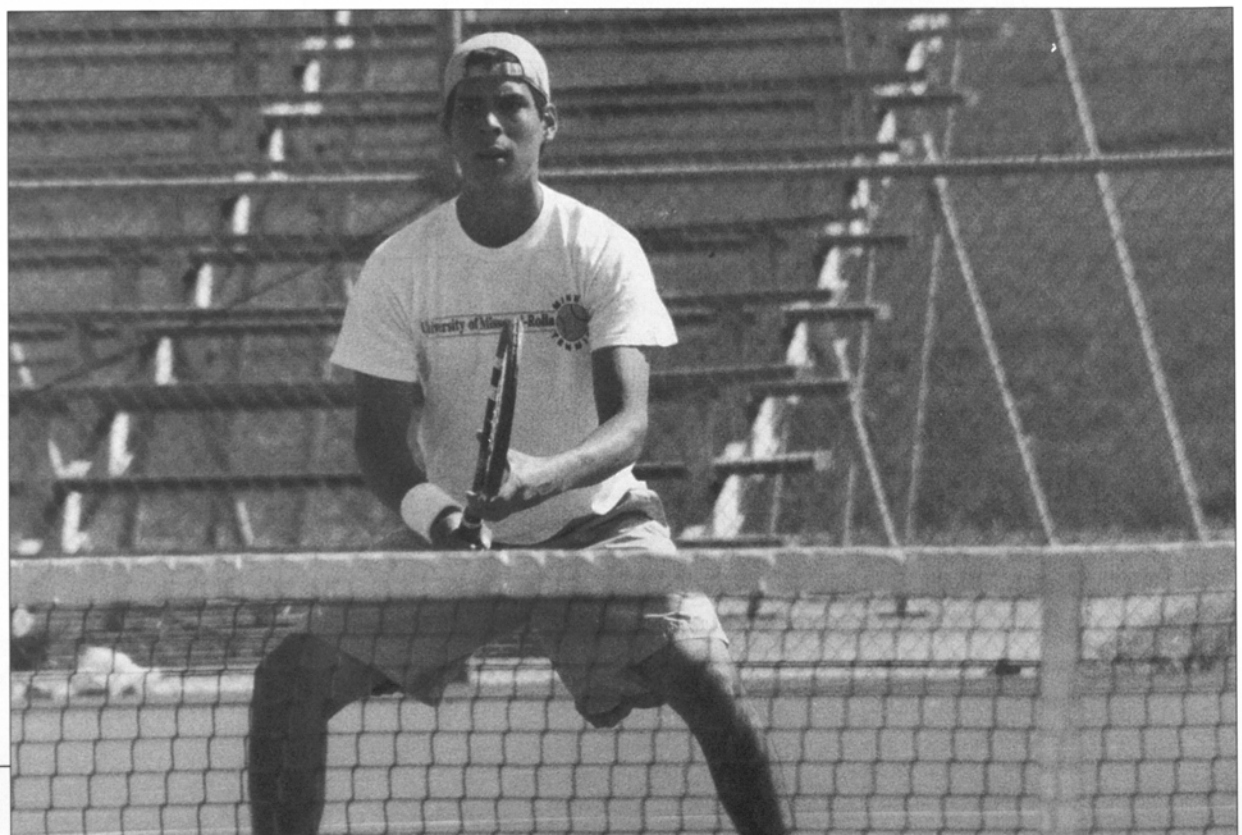
Left. UMR tennis player Michael Boeckelmann defeats Emporia State's Nolan Pringle. Boeckelmann won both matches against him, 6-3 and 6-2. Photo by Brad Swaters.



Below. UMR tennis player Michael Boeckelmann takes a stance to prepare to nail the tennis ball. Photo by Matt Bayne.



Below. Michael Boeckelmann hits ball during a defeat against Lewis & Clark. Photo by Brad Swaters.



Right. Boeckelmann (right) and Posch (left) in match against Emporia State. The doubles defeated Lewis and Clark's Kesjaw/Mitch Buscher, 8-2. Photo by Brad Swaters.

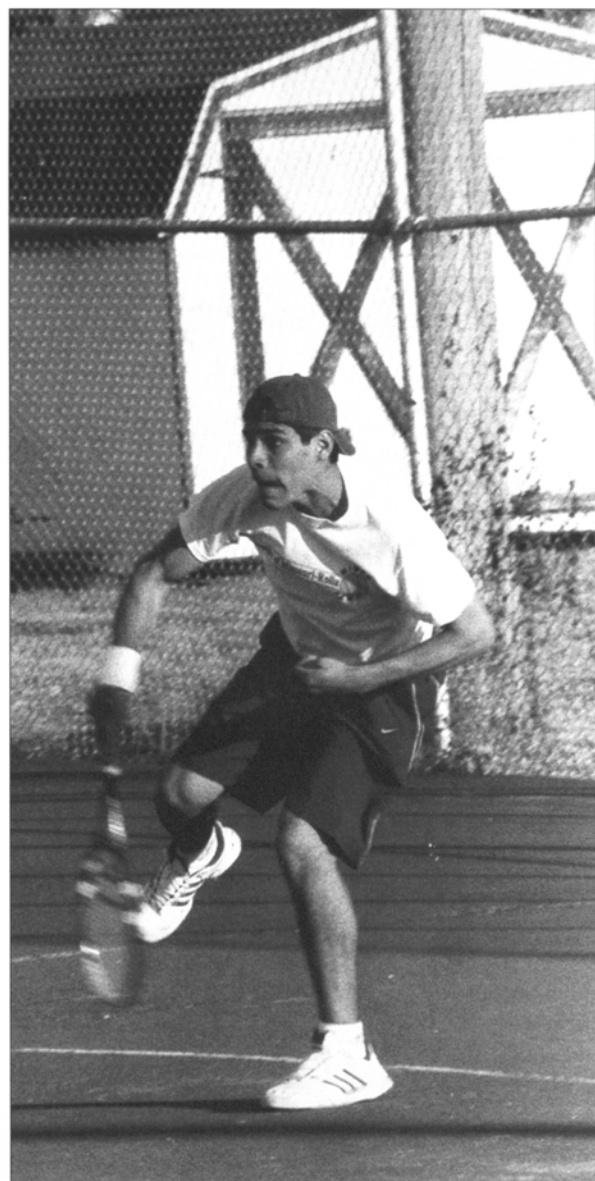
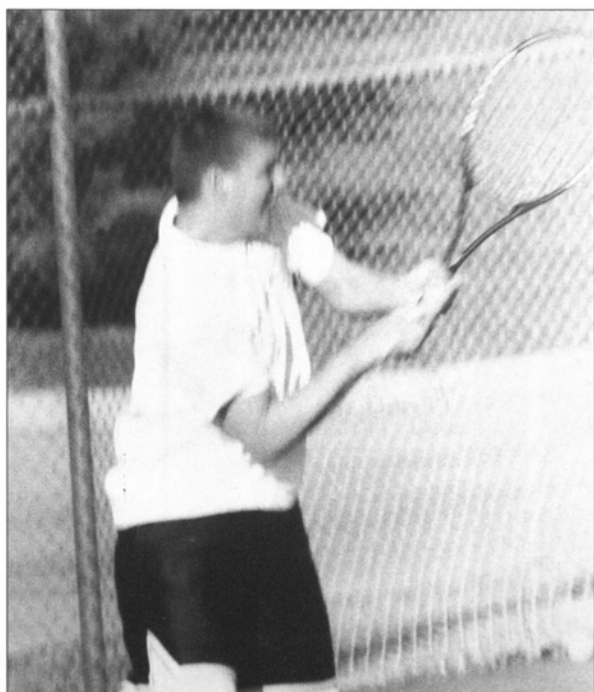
Below. Boeckelmann rares back to hit the ball during a tennis match. Photo by Matt Bayne.



Right. Steve Posch returns the ball to Enrico Kesjaw in match against Lewis and Clark. Steve Posch won 6-2 and 6-4. Photo by Brad Swaters.

Right. Another shot of Boeckelmann defeating his opponent in match against Lewis & Clark. Photo by Brad Swaters.

Below. Michael Boeckelmann returns the ball to his opponent. He defeated Lewis & Clark's Mitch Buscher, 6-0 and 6-2 on March 7, 2003. Photo by Brad Swaters.



2003 Intramurals

Badminton

Women		Men	
Thai	1	1	AFROTC
Chi Omega	2	2	Pikes
M-Club		3	Lambda Chi
GBS	4		Thai
ZTA	5	5	Silver Bullets
		6	Sig Nu
		7	Theta Xi
		8	Knowns
		9	Pegis
		10	Sig Ep
			TJ
		12	KA
			Sig Tau
		14	DTD
		15	Phi Kapps
		16	STD
		17	5 South
		18	TKE
		19	AEpi
			Kappa Sig
		21	Quad

Billiards

Women		Men	
M-Club	1	1	Knowns
GBS		2	Theta Xi
TJ Women	3	3	Sig Nu
Chi Omega	4	4	Pikes
CCF/BSU		5	Sig Ep
		6	S.B.
			Quad
			Kappa Sig
		9	Thai
			Lambda Chi
		11	DTD
			Phi Kapps
			TKE
		14	Beta Sig
		15	BSU
			STD
		17	7 North
			TJ 2 South

Bowling

Women		Men	
GBS	1	1	AEpi
Quad	2	2	Shuttlecocks
Chi Omega	3	3	Phi Kaps
ZTA	4	4	Sig Nu
Thai	5	5	Pikes
		6	Sig Ep
		7	Silver Bullets
		8	Pegis
		9	2 South
		10	Lambda Chi
		11	Quad
		12	187's
		13	Kappa Alpha
		14	STD
		15	Sig Tau
		16	BSU
		17	TKE
		18	Kappa Sig
		19	TJ
		20	AFROTC
		21	DTD
		22	CCF
		23	Thai

Cross Country

Women		Men	
ZTA	1	1	Sig Pi
Chi Omega	2	2	Silver Bullets
TJ	3	3	Knowns
* BSU/CCF	4		Pikes
* M-Club	5	5	Lambda Chi
* GBS	6	6	Sig Ep
		7	BSU
		8	Theta Xi
		9	Sig Nu
		10	Phi Kapps
		11	KA
		12	DTD
		13	Newman *
		14	Kappa Sig *
		15	Knowns *
		16	Pegis *
		17	TJ *

* Only one runner

Darts

Women		Men	
M-Club	1	1	Phi Kappa Theta
GBS	2	2	Kappa Alpha
TJ Women	3	3	Sigma Phi Epsilon
Chi Omega	4	4	Silver Bullets
CCF/BSU	5	5	Pi Kappa Alpha
		6	Theta Xi
			Sigma Nu
		8	Knowns
		9	187's
		10	Tau Kappa Epsilon
		11	Kappa Sigma
			Thai
		13	South Tower Destroyers
		14	Lambda Chi Alpha
		15	Thomas Jefferson

Flag Football

Women

- 1 Chi Omega
- 2 ZTA
- 3 M-Club
- 4 GBS
- 5 KD
- 6 BSU / CCF

Men Division I

- 1 Sig Nu
- 2 Sig Ep
- 3 Lambda Chi
- 4 Theta Xi
- 5 Pikes
- Silver Bullets
- 7 Phi Kapps
- 8 AFROTC
- 9 AEPI

Men Division 2

- 1 Sig Pi
- 2 No Points Awarded
- 3 Shuttlecocks
- 4 DTD
- 5 A Phi A
- Sig Chi
- Kappa Sig
- STD
- Beta Sig
- 10 Sig Tau
- CCF
- TKE
- Pegis
- 2 South
- 15 BSU
- Knowns
- Quad
- 187's
- 19 Phi Kappa Phi
- Newman
- KA
- 22 Triangle
- 7 North
- TJ 1 North
- 5 South

Basketball

Women

- M-Club
- CCF/BSU
- Newman
- ZTA
- Chi Omega
- KD
- GBS

Men Division 2

- 1 The Saints
- 2 Theta Xi
- 3 Quad
- 4 2 South
- 5 Kappa Sig
- 187's
- Shuttlecocks
- Prime Time
- 9 AEPI
- 7 Northwest
- 11 VSA
- Sig Pi
- 13 Knowns
- KA
- Sig Chi
- 16 TJ
- STD
- 18 Sig Nu B
- Pegis
- Sig Tau
- 21 DTD
- Newman
- Beta Sig
- 24 5 South
- Thai
- 27 Pi Kappa Phi
- TKE

Men Division I

- Pikes
- Silver Bullets
- Sig Ep
- Sig Nu
- Phi Kaps
- A Phi A
- Lamda Chi
- CCF
- AFROTC
- BSU

Golf

Women

- Chi Omega
- ZTA

Men

- 1 Sig Nu
- 2 Lambda Chi
- 3 Sig Pi
- Thai
- 5 Pikes
- 6 Silver Bullets
- 7 Sig Ep
- Theta Xi
- 9 Knowns
- 10 Pegis
- 11 Sig Chi
- 12 BSU
- 13 Kappa Sig
- 14 Kappa Alpha
- 15 CCF
- 16 5 South
- 17 TKE
- 18 A Phi A

Racquetball

Women

- Chi Omega
- ZTA
- GBS
- M-Club
- TJ

Men

- 1 Silver Bullets
- 2 Sigma Phi Ep
- 3 Sigma Nu
- CCF
- 5 Pegis
- 6 Kappa Sigma
- BSU
- Knowns
- 9 Phi Kappa Alpha
- DTD
- 11 AFROTC
- Theta Xi
- 13 Phi Kappa Theta
- 14 5 South
- 15 Lambda Chi
- 16 Voyager
- Kappa Alpha

Swimming

Women

- Chi Omega
- ZTA
- TJ
- GBS
- Newman
- CCF / BSU
- Quad

Men

- 1 Silver Bullets
- 2 Sig Nu
- 3 Lambda Chi
- 4 Pikes Phi
- 5 Kapps
- 6 AEPI
- 7 Sig Chi
- 8 Sig Ep
- 9 AFROTC
- 10 DTD
- 11 TKE
- 12 Kappa Sig
- 13 KA
- Knowns
- Theta XiS
- Sig Tau

Ultimate Frisbee

- | | |
|----|----------------|
| 1 | Knowns |
| 2 | Silver Bullets |
| 3 | Pikes |
| 4 | Sig Nu |
| 5 | Sig Ep |
| | Kappa Sigma |
| 7 | Sig Pi |
| | Phi Kaps |
| 9 | Lambda Chi |
| 10 | BSU |
| 11 | Quad |
| 12 | KA |

Soccer

Women

- | | |
|---|-------------|
| 1 | M-Club |
| 2 | Chi-Omega |
| 3 | BSU / CCF |
| 4 | ZTA |
| 5 | Kappa Delta |
| | GBS |

Men Division I

- | | |
|----|----------------|
| 1 | Pikes |
| 2 | STD |
| 3 | Sig Nu |
| 4 | Sig Ep |
| 5 | Kappa Sig |
| | AEPI |
| 7 | Lambda Chi |
| 8 | Phi Kapps |
| 9 | CCF |
| | KA |
| 10 | Silver Bullets |

Men Division 2

- | | |
|----|--------------|
| 1 | 2 South |
| 2 | Sig Tau |
| 3 | Knowns |
| 4 | Sig Pi |
| 5 | Beta Sig |
| | Shuttlecocks |
| 7 | Quad |
| | Thai |
| 9 | Theta Xi |
| 10 | VSA |
| 11 | BSU |
| 12 | Sig Chi |
| 13 | Pegis |
| 14 | TKE |

Table Tennis

Women

- | | |
|--------|---|
| GBS | 1 |
| VSA | 2 |
| M-Club | 3 |

Men

- | | |
|----|-------------------|
| 1 | Shuttlecocks |
| 2 | Phi Kappa Theta |
| 3 | Kappa Sigma |
| | Lambda Chi Alpha |
| 5 | Sigma Phi Epsilon |
| 6 | Sigma Nu |
| 7 | Pegis |
| 8 | Theta Xi |
| | Tau Kappa Epsilon |
| 10 | Pi Kappa Alpha |
| | Kappa Alpha |
| | Knowns |
| 13 | CCF |
| 14 | VSA |
| 15 | STD |
| 16 | Silver Bullets |
| | Delta Tau Delta |

Team Track

Women

- | | |
|-----------|---|
| Chi Omega | 1 |
| ZTA | 2 |
| GBS | 3 |
| CCF / BSU | 4 |
| TJ | 5 |

Men

- | | |
|----|----------------|
| 1 | Silver Bullets |
| 2 | Sig Ep |
| 3 | Pikes |
| 4 | Quad |
| | Sig Chi |
| 6 | Sig Nu |
| 7 | Lambda Chi |
| 8 | Kappa Sig |
| 9 | Phi Kapps |
| 10 | Beta Sig |
| | Sig Pi |
| 12 | STD |
| 13 | Sig Nu B |
| | CCF |
| 15 | KA |

Volleyball

Women

- 1 Buschwackers
- 2 M-Club
- 3 Newman
- 4 ZTA
- 5 KD
- 6 Quad
- 7 GBS
- 8 Chi Omega
- BSU / CCF A
- 10 TJ

Men Division I

- 1 Pikes
- 2 Silver Bullets
- 3 Newman
- 4 Sig Ep
- 5 Sig Nu
- TKE
- 7 CCF
- 8 Knowns
- Lambda Chi
- Sig Pi
- 11 Phi Kapps
- 12 Shuttlecocks
- 13 AEPi

Men Division 2

- 1 STD
- 2 KA
- 3 187's
- 4 Theta Xi
- 5 Sig Tau
- Kappa Sig
- BEta Sig
- AFROTC
- 9 Pegis
- Sig Chi
- TJ
- 12 Quad
- 13 2 South
- Thai
- BSU
- 5 South
- 17 A Phi A
- 18 DTD
- Triangle

Softball

Women

- ZTA 1
- CCF / BSU 2
- Chi Omega 3
- KD 4
- GBS 5
- Newman 6
- M-Club 7

Men Division I

- Silver Bullets 1
- Phi Kapps 2
- Pikes 3
- Sig Ep 4
- Sig Nu 5
- Knowns 7
- Sig Pi 7
- Lambda Chi
- CCF
- Pegis 10
- TKE
- Newman

Men Division 2

- 1 BSU
- 2 2 South
- 3 Beta Sig
- 4 Theta Xi
- 5 KA
- Shuttlecocks
- AEPi
- Quad
- 9 A Phi A
- 10 Sig Chi
- Kappa Sig
- Sig Tau
- DTD
- 14 5 South
- 15 6 North
- TJ 1 North
- 17 7 North

Weightlifting

Women

- ZTA 1
- CCF 2
- GBS 3
- Chi O 4
- Quad 5
- TJ 6
- Newman 7

Men

- 1 Sig Ep
- 2 Sig Nu
- 3 Pikes
- 4 Kappa Sig
- 5 Phi Kapps
- 6 SB
- 7 Pegis
- 8 Lambda Chi
- 9 Sig Nu B
- 10 KA
- 11 Sig Pi
- 12 TKE
- 13 AEPi
- 14 187's
- 15 STD
- 16 Theta Xi
- 17 Quad
- 18 Sig Tau

Tennis

Women

- Chi Omega 1
- ZTA 2
- GBS 3
- M-Club 4
- TJ 5

Men

- 1 Pikes
- 2 Kappa Alpha
- 3 Theta Xi
- 4 Sig Nu
- Lambda Chi
- 6 Kappa Sig
- 7 CCF
- Thai
- 9 Phi Kapps
- 10 Sig Ep
- TKE
- Knowns
- 13 Acacia
- 14 2 South
- 15 VSA

Washers

Women

- GBS 1
- TJ 2
- ZTA 3

Men

- 1 Sigma Nu
- Phi Kappa Theta
- 3 Sigma Phi Epsilon
- 4 Knowns
- Silver Bullets
- 6 Pegis
- 7 Pi Kappa Alpha
- 8 Kappa Sigma
- 9 Theta XI
- 10 TKE
- Sigma Pi
- 12 Kappa Alpha

Organizations

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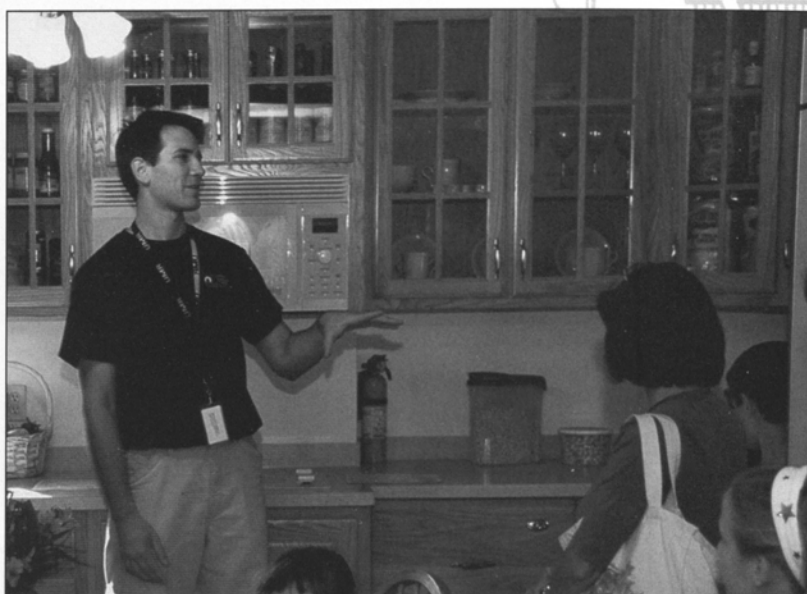
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Below. At the Solar House Team's Open House, Chris Stevens explains energy-saving kitchen appliances. Photo submitted by Solar House Team.



Above. Taking pride in sharing their music, The Madrigal Singers perform at Thomas Jefferson Hall in the Fall. Photo by Rachel Struby.

Right. At the Society of Women Engineers' "SWE Sugar Social", Honghua Zhao talks with other members. The evening's topic: chocolate. Photo by Erin Long.



Below. The Catholic Campus Ministry Center is framed. The new home was a marked expansion for Newman, greatly changing the look of the surrounding land and giving the Catholic community an exciting future. Photo by Julie Portman.



FROM DEPARTMENTAL TO SERVICE, SCORES OF ORGANIZATIONS WERE ACTIVE ON CAMPUS. AS MEMBER OF THESE GROUPS, WE LEARNED TO LEAD, TOOK RESPONSIBILITY, AND EARNED RESPECT. WE PUT THE SUCCESS OF OTHERS BEFORE OUR OWN CONVENIENCE.

IT WAS THE YEAR OF THE SOLAR HOUSE TEAM'S FIRST COMPETITION. STUDENTS FROM UMR AND ROLLA TECHNICAL INSTITUTE TOOK LEADING ENERGY-SAVING TECHNOLOGIES AND COMBINED THEM INTO A SINGLE HOUSE. THEY TRAVELED TO WASHINGTON, D.C. AND SPENT A MONTH ON THE NATIONAL MALL TO COMPETE, DEMONSTRATE, AND PROMOTE SOLAR ENERGY.

THE SOLAR CAR TEAM UNVEILED SOLAR MINER IV, THE CULMINATION OF A TWO-YEAR DESIGN PROCESS, AND BUILT ON THE SUCCESS OF ITS PREDECESSORS.

OTHER GROUPS, SUCH AS THE SOCIETY OF WOMEN ENGINEERS AND WOMEN IN ENGINEERING AND SCIENCE WORKED ON REVITALIZING UMR WITH A JOINT LOCK-IN FOR PROSPECTIVE STUDENTS.

MEANWHILE, TAU BETA PI AND MANY OTHER ORGANIZATIONS, DONATED FOOD, MONEY, AND SERVICES TO THE COMMUNITY.

THE GROUPS WE BELONGED TO BROUGHT OUT THE BEST IN EACH STUDENT'S CHARACTER. WE ROSE TO MEET EACH CHALLENGE IN TURN; IN DOING SO, WE ENCOURAGED OTHERS TO FOLLOW IN OUR FOOTSTEPS, AND TO TAKE INITIATIVE FOR THE BENEFIT OF THEIR FELLOW CITIZENS.

ASPIRE
In-

Getting Involved

by Steve Landes

In Rolla, organizations were as abundant as the leaves that fell from the trees as every new academic year began. One had to wonder why there were so many student organizations in the first place. The answer was simple: because students had **diverse** interests. Each person wanted to get something different out of the group they joined—whether it was the thrill of swordplay in the fencing club, the intellectual stimulation of a professional organization, the challenge of leadership in student government, or the **creativity** found while writing for a campus publication. These groups allowed people to meet others with similar interests, sometimes even creating friendships that extended beyond the organization.

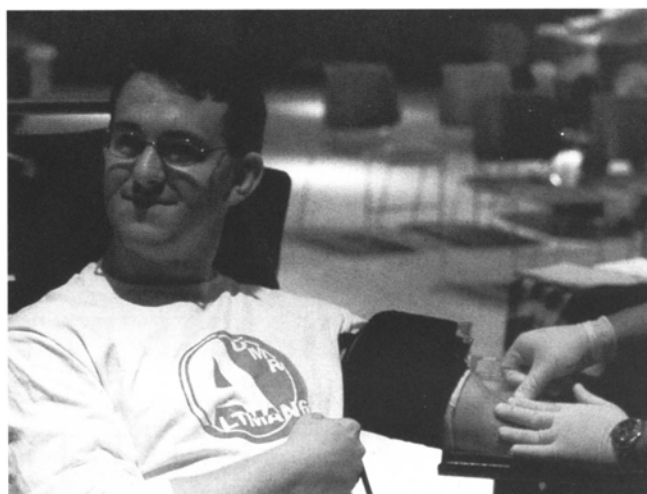
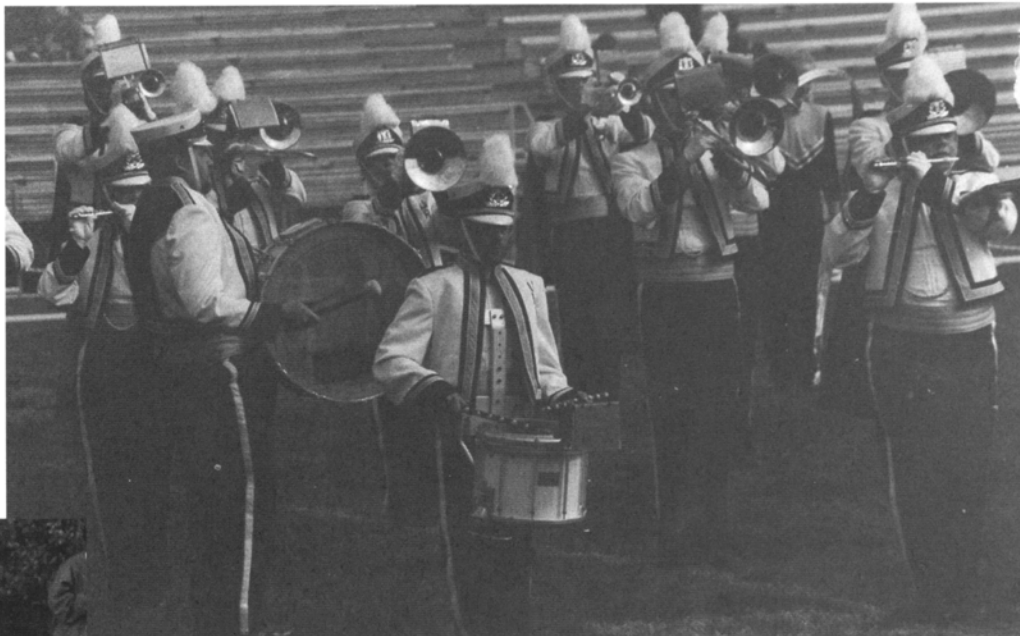
Joining organizations on campus was easy. Deciding which ones to join was much more difficult. With over 200 groups on campus, the **choices** were mind-boggling. A few organizations drew in more students than others. Some of the largest organizations on campus included Student Council, Student Union Board, Blue Key National Honor Fraternity, Omicron Delta Kappa Honor Society, and KMNR. Not surprisingly for an engineering school, most of these organizations required more brainpower than muscle power. Even so, all of the groups knew how to have **fun**.



Right. The Ballroom Dancing Club poses for a quick picture. These students danced the night away every Friday night. Photo by Erin Long.

Right. The UMR Marching Band performs at the homecoming football game. The band was there to support the team and play at the halftime show for every home football game. Photo by Ering Long.

Below. Julie Portman and Mark Creason tie-dye t-shirts courtesy of KMNR. KMNR sponsored free tie-dying and music at the Blue Key and Student Union Board Block Party in April. Photo by Ryan Bales.



Left. Chris Bales makes a donation at the Stuco Blood Drive. Photo by Rachel Struby.

For organizations like Blue Key and Omicron Delta Kappa, **prestige** was an obvious reason to join. Honor societies emphasizing high grade point averages were not easy to enter, but members enjoyed the camaraderie of peers who also strove for academic **excellence**. Other organizations, such as Student Council and Student Union Board, attracted students who wanted to have a say in the politics and events that shaped their day-to-day lives. KMNR and student publications, on the other hand, combined **recreation**, with creativity, talent, and **responsibility** to produce media that the entire student body could enjoy.

All organizations had one thing in common. Through student government, activity planning, and excellence in academics, students demonstrated their leadership skills. As employers increasingly looked for **leadership** experience in their employees, organizations led students toward landing their dream jobs after UMR.

AMERICAN CERAMIC SOCIETY

ACS promotes science and engineering as they relate to ceramics and allied industries.



"The annual convention lets us meet people from around the globe."

-Brett Scarfino
Senior, Ceramic Engineering

American Ceramic Society. *Front row:* Andy Selvy, vice president; Laura Brenneka, president; Dr. Greg Hilmas, advisor; Sarah Hall, treasurer; and Stefanie Jaeschke, secretary. *Row two:* Jason Bodson, Megan Hammon, Bill Maass, Andrew Buchheit, and Sarah Cupps. *Row three:* Justin Wieduwilt, Sean Landwehr, Natalie Vanderspiegel, Josh Mattingly, Marcia Steger, Laura Schoenbeck, and Amanda Young. *Back row:* Jason Stanley, Justin Bechtel, Jeremy Watts, Adam Chamberlain, Ben McCarthy, and Brett Scarfino. Photo by Erin Long.

AMERICAN INSTITUTE OF AERONAUTICS AND ASTRONAUTICS

AIAA promotes interest in astronautics, rocketry, and jet propulsion.



"The picnic shows us how athletic our professors really are."

-Mark Creason
Senior, Aerospace Engineering

American Institute of Aeronautics and Astronautics. *Front row:* Craig Goodloe, Caleb Gebhardt, Jeff Rottler, Jason Stafford, Adam Gorrell, and Adam Hart. *Row two:* Jennifer Selander, John Haas, Natalie Davidson, Abbie Stewart, Phil Ross, Jerred Webb, Genny Wise, and Rachel Webb. *Row three:* Ryan Scott, Pierre Vignal, Afsheen Khamooshi, Jamie Etling, Michael Roetheli, William Nance, Kathy Gallagher, Isaiah Kellogg, Nathan Harl, and Aaron Weeks. *Back row:* James Tinsley, Chris Kessler, Keith Norton, Jared Harrington, Ben Whitener, Landon Brown, Trent Taylor, treasurer; Jason Gallagher; Matt Feldmeier; Jason Sellers; and Mark Creason, vice chair. *Not pictured:* Derek Schmitz, chair; Megan Morris, secretary; and Dr. HF. Nelson, advisor. Photo by Ryan Bates.

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

AIChE is a student chapter of a national engineering organization for students in chemical engineering.

"AIChE is informative, fun, and has a wide variety of VERY interesting people!"

-Michelle Windsor
Senior, Biochemical Engineering



American Institute of Chemical Engineers. **Front row:** Kathleen Knecht, president; Debbie Muller; Rebecca Johnston; Valerie Metroff; Chad Taake; Joe Young; and Dr. S.L. Rosen, advisor. **Row two:** Margie Dickerson, Evelyn Barnes, and Norman Horn. **Row three:** David Bryant, Ryan Wilson, Waseem Cossor, Molly Meyer, Khalid Alharan, Lisa Wulff, Chris Coleman, and Brian Schwegal. **Row four:** Mike Miles, Prem Lobo, Ed Hammann, JoElle Dachsteiner, Julie Portman, Alice Hollister, Stephen Handley, Larry Mosier, Robert Wolfe, and Tova Becker. **Row five:** Tim Robert, Jessica McCord, Jake Barrows, Tonya Sonsteng, Daniel Regenhardt, Josh Heil, Matt Wade, Derek Dressler, Lloyd Young, and My Linh Truong. **Row six:** Sarah Israel, Rebecca Durham, Benjamin King, Michael Teasdale, Robert Mustell, Matt Ritts, John Huhman, Tyler Forehand, and Chris White. **Row seven:** Kellee Henderson, Matt Mastroianni, Laura Davies, Sean Zuckerman, Caleb Allen, Derek Kneir, Jason Stadt, Paul Hoglebe, Mike Wodicker, and James Henken. **Row eight:** Helio Guimaraes, Kayla Buchholz, Katie Netemeyer, Scott Clodfelter, Tara Strait, Michelle Windsor, Crystal Thomas, and Zach Pummill. **Back row:** Josh McQuinn, Tim Forbis, William Sutton, Chris Reeves, Jon Stewart, Ernesto Rodriguez, Valerie Day, Adeleye Agbaje, and Renita Oko. Photo by Erin Long.

AMERICAN NUCLEAR SOCIETY

ANS promotes the professional development of its members in scientific investigation and industrial utilization of nuclear science and technology.

"I like the enthusiasm and similar interests of the students involved in ANS."

-Michelle Marincel
Freshman, Nuclear Engineering



American Nuclear Society. **Front row:** Stephanie Fesenmeyer; Lauren Etheridge; Bill Danchus, president; Julie Tucker, historian; Josh Worley; Hannah Yount, vice president; and Heather Gepford. **Row two:** Ben Swagman, Alfred Schovanez III, Jake Robben, Patricia Welker, and David Garcia III. **Row three:** Seth Bradley; Bren Phillips; Michelle Marincel; Michel Call; Allison Adams, treasurer; Michelle Minard; Jeremy Gorelick; and Jacob Miklovic. **Back row:** Michael Lampe; Clayton Weidinger; Chris Schwartz; Craig Heimericks, secretary; Zachary Bacon; Kevin Petrones; and James Kramer. **Not pictured:** Kevin Volk, student council representative; and Molly Ernesti, corresponding secretary. Photo by Julie Portman.

AMERICAN SOCIETY OF CIVIL ENGINEERS

ASCE offers students a more in-depth look into civil engineering and its diverse applications to the real world. They focus on making incoming students aware of the organization and sparking their interest in civil engineering. Several social events acquaint new students with the civil engineering department, its faculty, and its students. At each meeting, ASCE provides a speaker who gives a different perspective on the civil engineering profession. ASCE is a good way to get involved and establish contacts for prospective summer, co-op, and full-time job positions.



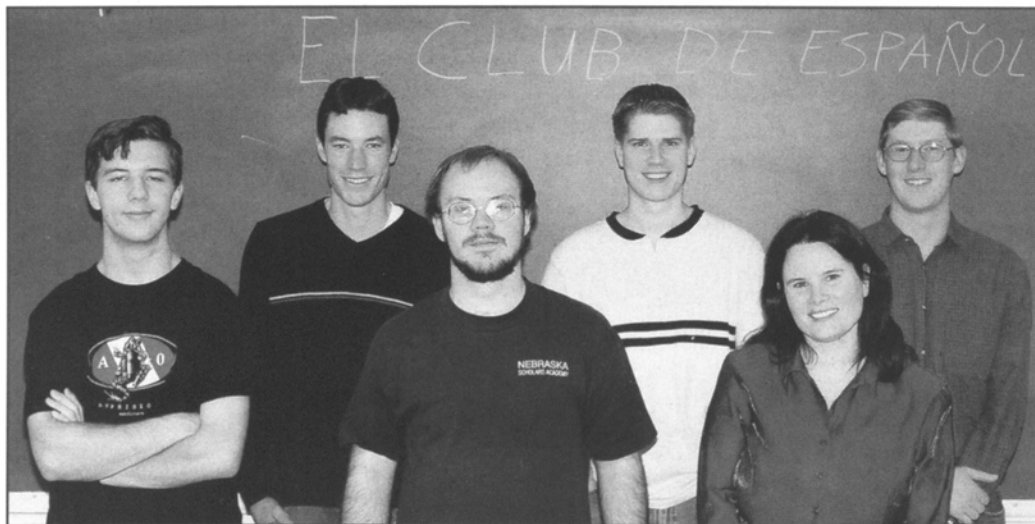
"The number one reason to join is to be part of the mighty ASCE flag football team."

-Chris Dunnaway
Junior, Civil Engineering

American Society of Civil Engineers. *Front row:* Erin Wohlrab, recording secretary; James Duehning, publicist; Travis Boatwright, corresponding secretary; Wesley Cattoor, vice president; Dan Lutz, president; and Lauren Roberts, treasurer. *Row two:* Steve Stack, Tim Riechers, Chris Locher, Jay Gillis, Adam Tiehes, Brian Pitts, Kris Wolfe, and Chris Byrd. *Row three:* Jason Brown, Preston Carney, Matt Gebhardt, Nathan Newman, Matt Pooker, Richard Licari, and Steve Eads. *Row four:* Ronny Hardee, Regin Belisle, William Bolte, Josh Kincaid, Hans Buckwalter, Jake Buening, Nick Ereckson, and Matthew Fielder. *Row five:* Chris Morgan, Anja Frauenberger, Jon Ballmann, Ron DeClue, Nathan Marshall, Rachel Schiller, Amanda Hensen, Heather Levy, Sandy Wagner, and Tim Dean. *Back row:* Aaron Carrell, David Holdener, Joe Clendener, Dave Fennwald, Danny Koenigsfeld, Gary Greene, Nathan Tritsch, Chad Beardslee, and Matt Auld. Photo by Erin Long.

EL CLUB DE ESPANOL

The Spanish Club promotes the awareness and study of the Hispanic culture and language.



"I joined to learn more about the Spanish/Hispanic culture."

-Paul Taylor
Senior, Mechanical Engineering

El Club de Espanol. *Front row:* Christopher Osterwise, secretary; Matt Ehlers, president; and Ellen Aramburu, advisor. *Back row:* Greg Rieker, Jason Stadt, historian; and Paul Taylor, vice president. Not pictured: Susan Mills and Wes Day, treasurer. Photo by Rachel Struby.

HELIX LIFE SCIENCE CLUB

Helix promotes an interest in the biological sciences.

"Helix exposes me to bio topics, which are not encompassed by many clubs on campus."
-Tom Fennewald
Sophomore, Chemistry



Helix Life Science Club. **Front row:** Sean Zuckerman, Libby Cooley, Trini King, Jessica Wilson, and Meghan Donnellan. **Row two:** Anna Newman, Zach Miller, Will Sutton, Melinda Tierney, Dirac Twidwell, Dustin Miller, Dr. Paula Lutz, Dr. Ron Frank, and Angela Jones. **Back row:** Terry Wilson, Dr. Melanie Mormile, Tom Fennewald, Eric Evans, Jon Jones, Mike Richards, Stacy Jones, Kelli Malan, Rachel Carter, and Jennifer Parks. Photo submitted by Helix.

HISTORY CLUB

The History Club promotes the study and understanding of history and encourages communication between the members and professional historians.

"I liked the book sale...it was something I could get involved in."
-Ariel Campos
Sophomore, History



History Club. **Front row:** Jennifer Haffer, Ariel Campos, Justin Mosher, Katina Selby, president, and Dr. Tsegai Isaac, advisor. **Back row:** Steven Schneider, Brandon Rapier, Jennifer Grayson, secretary/treasurer, and Brian Volner. **Not pictured:** Dr. Ahmad, Dr. Gragg, Ritesh Harankhedkar, vice president, and Dale Hurd. Photo by John Ehrhardt.

INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS

IEEE disseminates the knowledge of the theory and practice of electrical engineering, and furthers the professional development of students.



"My favorite activity
was making Lego
robots...who
doesn't like playing
with Legos?"

-Paul Keuss
Junior, Computer Science

Institute of Electrical and Electronic Engineers. Front row: Matt Battles, president; Brian Heckman; Jeff Gittermeier; Xiao Hu; Nitin Sood; and Girish Mohanty. Row two: Michael Butchko; Stephen Kozlen; Paul Keuss, treasurer; Stephen Burke, vice president; Tim Laird; Stacey Redington, secretary; and Thomas Woodard. Row three: Travis Dierks, James Nimmo, Jason Pratt, Jake Self, Josh Stoll, Les Roderick, Nick Ray, and Joe Filla. Row four: Eric Frank, Justin Shreve, Mike Deuschle, Josh Antweiler, Nian Zhang, Qiang Yao, Zack Stica, and Matt Richardson. Back row: Paul Mattione, Chris Schley, Jason Sellers, Jacquelyn Stroble, Rolando Melgoza, Leslie Grossenbacher, Casey Henning, and Danielus Rico. Photo by Julie Portman.

NATIONAL SOCIETY OF BLACK ENGINEERS

NSBE encourages minority students to pursue careers in engineering, aids students in seeking financial aid, and provides tutoring.



"I love the fire that
burns within each
NSBE member. It
allows us to make a
difference in our
community."

-Alexandria Merritt
Senior, Mechanical Engineering

National Society of Black Engineers. Front row: Shamara Sampler; Mecca Liddell; Christian Washington, president; DeMarco Davidson, parliamentarian; Rob Stewart; Jacques Fransaw; and Christopher Campbell. Row two: Arnold Hart II and Tiffany Cushshon. Row three: Andre Davis, Marnell Berry, Karlymna Oredugba, Miya Dawkins, Tanisha Neal, Alexandria Merritt, Terri Barnes, Cornelius Weaver, and Walter May. Row four: Bryant Lewis, Myran Collier, Kandyce Wheeler, Christian Lee, Adam Moore, Darrick White, and Ahmed Hameed. Back row: Derrick Johnson, Jauquin Holmes, Bethany Gordon, William Finley, Michael Ojo, Mustafa Kindell, Jamel Sims, and Chaz Jaquess. Not pictured: Leon Gibson. Photo by Rachel Struby.

SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS

SHPE is a national professional society which encourages Hispanic students to pursue careers in engineering.

"SHPE really
prepares you
for the world
out there."

-Jaclyn Norono
Sophomore, Business
Management Systems



Society of Hispanic Professional Engineers. *Front row:* Angel Uruchima, secretary; Jaclyn Norono, recruitment chair; Juan Pena Jr., president; and Janelly Griffith, treasurer. *Row two:* Lane Martinez, Jose Rodriguez, Jessica Owen, Daniel Rodriguez, Joe Haile Phillips, and Pablo Marquez III. *Back row:* Lane Ramirez, Tony Jones, Jaime Zuloaga, Erik Timpson, and Willie Sanchez. Photo by Erin Long.

WATER ENVIRONMENT FEDERATION

WEF is dedicated to the advancement of student interests in environmental studies, with emphasis on the engineering role in water environment.

"My favorite
activity is the
Stream Team.
We get to
play in the
water..."

-Garrett Struckhoff
Master's, Civil
Engineering



Water Environment Federation. *Front row:* Sudarshan Kurwadkar; David Cape; Erin Wohlrab; and Joel Burken, advisor. *Back row:* Amanda Gilbertson, Paula Mihalcik, Rebecca Bilderback, Troy Hythecker, Garrett Struckhoff, and Steve Homan. Photo submitted by WEF.

Blue Key National Honor Fraternity

The purpose of Blue Key is to recognize the outstanding student leaders on campus. Their motto is "Serving, I live." Membership is selective and held to a total 40 members. Their major activities included the Blue Key Block Party, football tailgate parties, leadership forums, the campus directory, and a directory of student organizations.



"Blue Key is the organization to be in if you're interested in giving back to the university and meeting lots of fellow involved students."

-Kristen DeFilippo
Senior, Civil Engineering

Blue Key National Honor Fraternity. *Front row:* Mark Creason, alumni secretary; Shannon Fail, recording secretary; Derek Schmitz, president; James Henken, 1st vice president; Dan Bailey, 2nd vice president. *Row two:* Kristen DeFilippo, Asha Rao, Kirsten Reynolds, and Stephanie Buffa. *Row three:* Craig Dudenhoeffer, Jacob Colbion, Dan Maddex, Sean Zuckerman, Ryan Albarelli, and Matt Hendren. *Back row:* Laura Schoenbeck, Jamie Ferrero, Sandra Terry, Meghan Rogg, Holly Bentley, Stephanie Bormann, and Anna Cook. *Not pictured:* Jane Diecker, treasurer; Ryan Bales; and Julie Portman. Photo by Erin Long.

Kappa Kappa Psi

Kappa Kappa Psi is a national honorary band fraternity.



"I like being able to give back to the music program."

-Andrew DeCarlo
Junior, Computer Engineering

Kappa Kappa Psi. *Front row:* Desiree Daehnke; Michael Kiesewetter, treasurer; Angel Brondel, president; Jason Detring, student council representative; and Courtney Privett, secretary. *Row two:* Eric Wiedner, Andrew DeCarlo, Timothy Sarakas, and Matt Allen. *Back row:* Adam Przybylski, vice president; Charles Hayes; Curtis Robinson; and Tobyn Vanvegten. Photo by David Denney.

Eta Kappa Nu

HKN is the Electrical and Computer Engineering honor society. Their goal is to bring together students who have shown excellence in scholarship, personal character, and voluntary services, and help them to become better professionals as well as better citizens. HKN is dedicated to providing service to the Electrical and Computer Engineering department. Some of their activities included breadboard sales, a department BBQ, giving department tours, maintaining a student projects lab, and assorted social events. HKN recently celebrated its 50th anniversary of service to UMR, and is looking forward to making the next 50 years even better.

"I joined HKN because of the networking opportunities. I have become good friends with many of the members and they have helped me whenever I needed it."

-Brian Heckman
Junior, Electrical Engineering

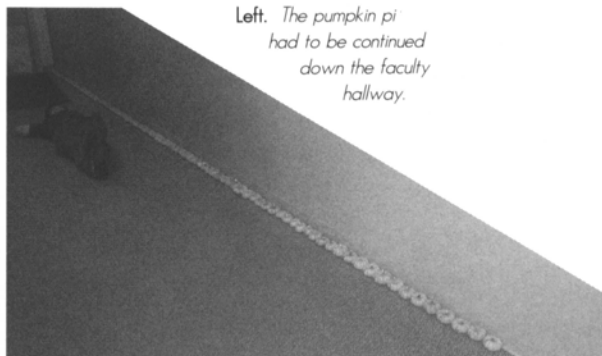


Eta Kappa Nu. Front row: Adam Gassaway, Dawn Ehlers, Jonah Brown, David Callier, William Krekeler, Keith Lococo, and Chris Behrens. Row two: Brian Heckman, David Hendrix, Gabe Freiburger, Tyler Vrooman, Matt Spalding, Nancy Berger, Brooke Antolak, and Philip Alt. Back row: Paul Mattione, Scott Uder, Adam Quigley, James Fonda, Brent Thompson, Jesse Lai, Jordan Ayers, Jeremy Allyn, Andrew Rolf, Kevin Goughnour, and Christine AuBuchon. Photo submitted by HKN.

Eta Kappa Nu Pumpkin Pi Charity Fundraiser

During the week of October 27, Eta Kappa Nu (HKN) sponsored its first Pumpkin Pi Charity Fundraiser. Miniature pumpkins were sold for \$1 a piece and profits went toward food for Tau Beta Pi's canned food drive in November. As another incentive to contribute, each dollar donated also bought a raffle ticket for an actual pumpkin pie from Slice of Pie. The drawing was held at the general meeting of HKN on the Wednesday night before Halloween. The event was marketed mainly to faculty members, but many students also contributed. Each pumpkin was labeled with a digit from the number Pi, and all of the pumpkins were set out Halloween morning in the Electrical Engineering lobby and faculty hallway to create a giant pi display. A total of 352 pumpkins were sold, resulting in over \$230 for

the canned food drive. A few donations arrived after the contest was over, bringing the grand total to \$338. Dr. Ann Miller was the winner of the raffle and was presented with a pumpkin pie and certificate of appreciation. The proceeds went to a great cause, and members hope to raise even more money in the future.



Left. The pumpkin pi had to be continued down the faculty hallway.

Photos submitted by HKN.



Above. HKN officers David Hendrix, marketing chair, and Dave Callier, secretary, present the award certificate and pumpkin pie to Dr. Ann Miller.

Above. The windowsill in the Electrical Engineering building lobby was decorated with over 300 miniature pumpkins.

Keramos

Keramos is a national honor fraternity in ceramic engineering.

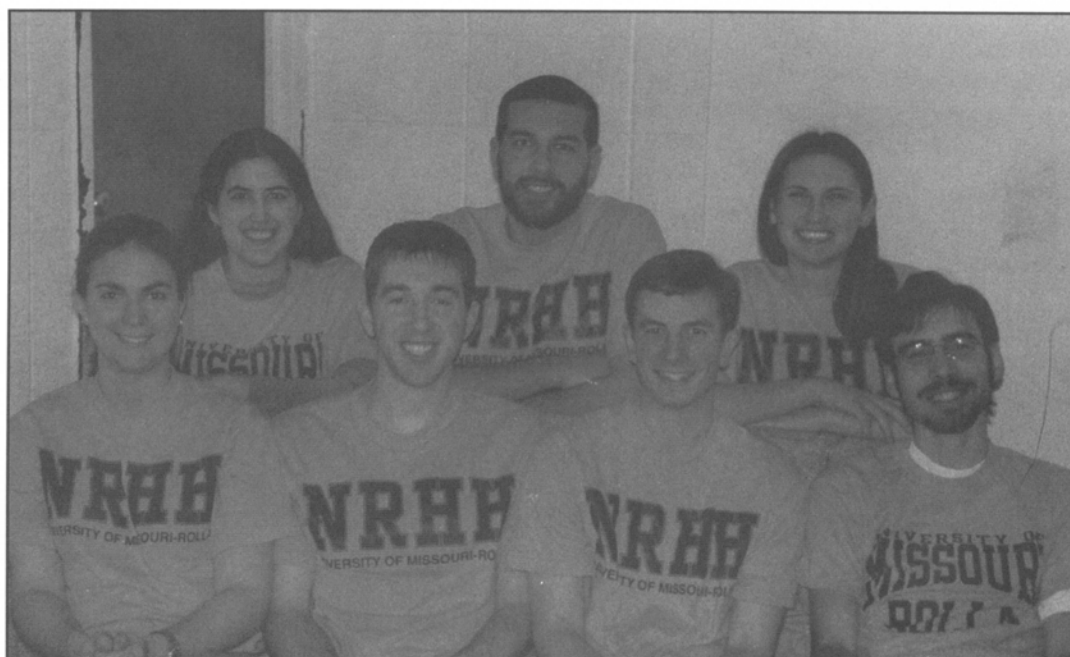


"My favorite activity is doing the lab tours. I love to help educate people in the world of ceramics."
-Natalie Vanderspiegel
Senior, Ceramic Engineering

Keramos. *Front row:* Jason Stanley, herazo; Justin Wieduwilt, secretary; Megan Hammon, treasurer; Sarah Cupps, vice president; and Andrew Buchheit, president. *Row two:* Andy Selvy, Jason Bodson, Bill Moass, Brett Scarfino, and Amanda Young. *Row three:* Stefanie Jaeschke, Sean Landwehr, Natalie Vanderspiegel, and Laura Schoenbeck. *Back row:* Justin Bechtel, Jeremy Watts, Adam Chamberlain, and Ben McCarthy. Photo by Erin Long.

National Residence Hall Honorary

NRHH is a national honor society that recognizes individuals who have promoted a high quality environment in the residence halls through their outstanding leadership.



"I joined NRHH because I wanted the chance to help develop future leaders."
-Kyle Lampe
Senior, Biochemical Engineering

National Residence Hall Honorary. *Front row:* Liz Kalbac, president; Dan Bailey; Dave Spinden; and Keith Norton. *Back row:* Kathryn Sandefur; Jason Reck; and Lisa Hartman, secretary. *Not pictured:* Kyle Lampe, treasurer; Ray Buehler; Jake Stroupe, vice president; Shawna Mantia; Brennan Husman; Andrea Hashbarger; Justin Bechtel; Jeremy Glenn; and Kearney O'Connor. Photo by Erin Long.

Learning to Lead

by David Bryant

In the residence halls, a number of groups existed that sponsored activities. But one of the most recognized organizations is the National Residence Hall Honorary. It is an organization that, as Kyle Lampe described it, is "made of the top leaders from the halls, and has some of the most active people on campus."

"The primary goal of NRHH is to recognize people and congratulate them for a job well done, Lampe said. We also help people develop their leadership skills."

NRHH represented UMR at regional and national conferences such as the Midwest Association of College and University Residence Halls (MACURH), the National Association of College and University Residence Halls (NACURH), and No Frills. NRHH members who attended these conferences come back with new ideas for events or programming to put on for those in the dorms.

The conferences also give awards for members and chapters of NRHH. The UMR chapter of NRHH received the award of "Chapter of the Year" at the MACURH conference, earning them a nomination at NACURH. Liz Kalbac, another member of NRHH, was nominated for "Member of the Year" at No Frills.

One of the most important events that NRHH sponsors each year is its fall leadership trip. This past year, 99 people went on the trip with NRHH on September 7 and 8. The group went to Camp Lion's Den, and spent the weekend having fun and learning about a variety of facets of being a

leader—from how parliamentary procedure works for meetings, to proper ways to get money for programs. They also worked on teambuilding exercises that the camp runs. Students participated in a variety of evening activities, including campfires, dances, and hikes.

"The whole purpose of it was to provide young members of the halls an opportunity to gain some experience and meet some of the older leaders who have done a lot. Plus, it's fun," Kathryn Sandefur, NRHH member, said.

In addition to experience, these conferences offered direction and motivation to unseasoned residents. "We target this at people who really have no idea what they're getting into. When they go, they have a great time, and they see all the different things they can do on campus. It helps motivate them to become better leaders," Lampe said.

The trip is also a learning experience for the established members of NRHH. "One of the most important things about being a leader is teaching other people how to lead," said Lampe. "The trip also gives us a chance to improve our leadership skills through mentoring the newcomers."

"This is a great organization because of the people in it, Sandefur said. "The quality of the work they have done is amazing. Practically no other school at MACURH or NACURH puts on a program like our leadership trip."



Above. Students attempt to untie the human knot. This was just one of the many teambuilding activities done at the leadership trip. Photo submitted by NRHH.



Above. Jake Stroupe gets cheesepuff-ed at the leadership trip. Teams threw cheesepuffs to get them to stick to someone and the team that got the most to stick won. Photo by Erin Long.

Omega Chi Epsilon

Omega Chi is a national honor fraternity in chemical engineering.



"Omega Chi is a small group of chemical engineers that are all experiencing the same hardships."
-Jason Stadt
Junior, Chemical Engineering

Omega Chi Epsilon. Front row: Lisa Wulff; Waseem Cossor; Sean Zuckerman; Rebecca Durham; Laney Fritz, secretary; Larry Mosier; and Dr. Douglas Ludlow, advisor. Back row: Jessica McCord, Derek Kneir, Rebecca Johnston, Michelle Windsor, Daniel Regenhardt, Chad Taake, Matt Mastroianni, Helio Guimaraes, and Justin Hall. Not pictured: Derek Dressler, president; Laura Davies, vice president; Kathy Knecht, treasurer; Julie Portman, reporter; Jason Stadt; and Tara Strait. Photo by John Ehrhardt.

Order of Omega

Order of Omega is a national Greek leadership honor society that seeks to recognize those Greek students who have attained a high standard in academics and leadership, both in Greek and campus-wide activities.



"I like our advisor social. It allows us to show our gratitude to our advisors."
-Danielle Miller
Junior, Mechanical

Order of Omega. Front row: Derek Schmitz; Adam Hale, secretary; Laura Schoenbeck, president; Shannon Foil, 2nd vice president; Matthew Ortals, treasurer; and Laura Fisher. Row two: Jason Conway, Fred Stackley, Alice Hollister, Danielle Miller, Katie Boring, Erin Schepker, and Kelly Reiter. Back row: R.J. Agee; Ryan Wilson; Dr. David VanAken, advisor; Mark Creason; D.J. Loberg; and Thomas Renfert. Not pictured: Jake Colbion; Laura Davies, 1st vice president; Josh Durham; John Rhoads; Ryan Stockamp; and Patrick Umphenour. Photo by Erin Long.

Phi Sigma

Phi Sigma is devoted to the promotion of research and academic excellence in the biological sciences. One of their activities was an essay contest for local senior and junior high schools in Missouri to promote learning in the biological sciences.

"The best thing about Phi Sigma is that the guy to girl ratio is one to one."
-Dirac Twidwell
Senior, Biology



Phi Sigma. Front row: Rachel Carter, secretary; Michelle Biesen, vice president; Stacy Jones, treasurer; and Anna Newman, president. Row two: Christina Brizendine, Angela Jones, and Jessica Vitello. Back row: Dirac Twidwell, Melinda Tierney, Amy Johnston, and John Young. Photo by Erin Long.

Pi Tau Sigma

Phi Tau Sigma is a national honor fraternity in mechanical engineering.

"I like giving the building tours...as we show off our many interactive labs."
-Betsy Holderby
Senior, Mechanical Engineering



Pi Tau Sigma. Front row: John Griner, president; Matthew Markham, secretary; Jared Clark, treasurer; Andrew Bodenhamer, key chairman; Jeff Pleus, vice president; and Travis Hartman, key chairman. Row two: Joohyun Choi, advisor; Davae Collins; Danielle Miller; Amy Huber; Bronson Eick; Betsy Holderby; and Alison Sievers. Row three: Hal Loket, Jennifer Arora, Cameron Bahram-ahi, Jeremy Smith, Matthew Oberneufemann, Adam Schuman, Mike Schaefer, and LeAnn Fantini. Back row: David Fenstermacher, Josh Peterson, Alex Mendrygal, David Neely, Ryan Hutcherson, Michael Hess, Matt Gluesenkamp, and Tom Hulsey. Photo by Erin Long.

Honor & Professional

Psi Chi

Psi Chi is a national honor society in the science of psychology.



"Enjoy the guest speakers...they provide varied perspectives gained from experience."

-Susan Toscano
Senior, Psychology/English
Literature

Psi Chi. *Front row:* Peggy Weaver, president; Heather Mehan, treasurer; Shawna Mantia, secretary; Jothi Pallikkathayil, vice president; Emma Minardi; and Erin Gregg. *Row two:* Leilani Tedaotao, Melissa Conroy, Veronica Wade, Amy Frey, Natalie Foster, Eric Miller, Nikhil Nadkar, Kathy Crider, and Susan Toscano-Younger. *Back row:* Brandon Rapier, Jennifer Taylor, Philip Norfolk, and Dr. Christian. Photo by Ryan Bales.

Sigma Pi Sigma

Sigma Pi Sigma is a professional honor society in physics.



"Physics is my favorite subject."

-Micah Burgdorf
Freshman, Physics

Sigma Pi Sigma. *Front row:* Joe Eimer, Ryan Kinney, Sara Whitbeck, Chris Lloyd, Travis Yates, Walter Kowalski, and Michelle Eldridge. *Back row:* Sarah Eyerman, Kurt Koch, Armin Ahlheim, Lea Ann Cozort, Deepak Vaid, Bernard Fendler, and Toby Case. Photo submitted by SPS.

Sigma Tau Delta

Sigma Tau Delta is a national honor society in English.

"I wanted to be involved with an organization which embraced people who shared a love for English, writing, and literature."

-Julie Massey
Junior, English



Sigma Tau Delta. Front row: Jami Jones, treasurer; Barbie Kuntemeier, president; Natalie Johnson, vice president; and Lorraine Woolsey. Row two: Julie Massey; Sarah Stillman; Becky Carter; Amber Warner; and Tara Bryan, secretary. Back row: Jaired Hall, Amy Schuster, Joseph Ricca, and Lea Cozor. Photo by Rachel Struby.

Society of Women Engineers

SWE is a national professional society dedicated to women students in engineering and physical sciences.

"SWE offers women the opportunity to interact with other women in the engineering industry."

-Amanda Merwin
Senior, Mechanical Engineering



Society of Women Engineers. Front row: Michelle Schaeffler, corresponding secretary; Tricia Lurk, 1st vice president; Katie Thompson, student council representative; Jamie Etling, treasurer; April Tan, recording secretary; and Julie Portman, publications editor. Row two: Wei Zhou; Jessica McCord, 2nd vice president; Stephanie Buffa, president; and Leslie Grossenbacher. Back row: Hongua Zhao; Stephanie Schondelmeyer; Tandi Edelman; Katie Gleason; and Jill Fahrenholtz, counselor. Not pictured: Dr. Akira Tokuhito, advisor and Jacquelyn Stroble. Photo by Erin Long.

SWE Conferences

Discovering Opportunities for Women

by Jessica McCord and Julie Portman

The Society of Women Engineers joined with the Women in Engineering and Science (WIES) to sponsor two high school conferences during the 2002-2003 school year, one each semester. A total of forty junior and senior girls came to experience UMR. SWE had held this program for over 20 years, but in 2001 WIES decided to join the effort.

"WIES was very enthusiastic about increasing the number of women enrolled in the engineering and science fields at UMR", Michelle Schoenborn, WIES Program Coordinator, said. "We wanted to support SWE with the fundraising and administrative tasks so they could concentrate on coordinating the programming and student interactions that are essential to a successful conference."

In the past an annual, daylong conference had been held. However, in the winter semester of 2002, SWE was ready to expand the conference. With the help of WIES, the conference was turned into a biannual, two-day lock-in.

"With the overnight format, the girls get a taste of what college life is really like. They sleep in a residential hall and eat in the cafeteria with current college students," Stephanie Buffa, SWE president, said.

The conference included information sessions, campus and departmental tours, the opportunity to sit in on a class, and a faculty luncheon. The girls participated in Popsicle stick, paper airplane, and egg drop contests designed to teach engineering concepts and the importance of good communication. There were also times for socializing during the lock-in on 9 South of Thomas Jefferson Residence Hall as well as during a UMR football game.

"The tours made them feel like part of the college, and the class sit-in helped them realize college life isn't out of their reach," Stephanie

Schondelmeyer, one of the SWE hosts, said.

The conference was a great recruitment tool for both SWE and the UMR campus. The girls became more familiar with UMR through the information sessions and tours. During the activities they had the opportunity to meet current students and faculty while becoming acquainted with the other prospective students at the conference.

The benefits of the lock-in from participants' perspectives were clear. "I really enjoyed this conference. It was a great experience to see the campus so up close and personal," said one attendee. "The friendly reception we've received from students, faculty, and especially the coordinators really made me feel at home and comfortable. Thank you for all your work; this was an incredible experience."

Although the high school conferences are the biggest activity SWE undertakes, they also took the time to attend the 2002 SWE National Conference in Detroit during October. Six members enjoyed the opportunity to hear Dr. Sally Ride, the first American woman in space, speak on reaching for the stars. Other conference activities included a career fair boasting over 175 companies and universities; sessions covering such topics as career development, leadership, stress, and diversity; and social events like the Halloween party.



Above. High school students get to know one another during ice breakers. Photo by Derek Gaston.



Left. Several cars are displayed at the national conference. Photo by Jacquelyn Stroble.



Right. Jamie Etling prepares supplies for the egg drop contest during the high school conference. Photo by Derek Gaston.



Below. Jacquelyn Stroble and Julie Portman share ideas with the SWE section from the University of California at Irvine. Photo submitted by SWE.

Tau Beta Pi

Tau Beta Pi is a national recognition society of honor students in engineering majors.

"I joined to be in a society where honesty, character, and integrity in engineering is a priority."

-Brad Roberts
Junior, Computer Engineering



Tau Beta Pi. *Front row:* Brian Heckman; Josi Wright, recording secretary; Jeremy Boselly, vice president; Katie Weinkein; and Ben Frank. *Row two:* Tim Dean; Jonathan Vance; Jared Clark; Kathy Gallagher; Nate Carriker, corresponding secretary; and Alison Sievers, president. *Row three:* Corey Chapman, Gretchen Gawer, Garrett Struckhoff, Michel Call, Dustin Trinkle, and Benjamin Rhew. *Row four:* Alex Rigoni, Nolan Horsebeams, John Griner, Brad Roberts, David Swartz, and Conor Watkins. *Row five:* Chip Kastner, Levi Terhune, Chad Beardslee, Ben Wright, Nathan Tool, and Philip Alt. *Row six:* Michael Roetheli, Danielle Miller, Tim Robert, Helid Guimaraes, Mark Creason, and Dan Larson. *Row seven:* Mei Mong, Matt Hendren, Jennifer Triplett, Susan Cowan, Christina Huelsing, and Craig Kaibel. *Row eight:* Gail Lueck, Tara Strait, Wes Merkle, Jason Trent, David Bubenik, and Brian Kleven. *Row nine:* Kelly Turner, Greg Chapman, Sean Garceau, Jeff Rottler, and Anthony Brown Jr. *Back row:* Jeff Meyers, Ron DeClue, Sarah Simon, Steve Eads, Nathan Marshall, and Holly Bentley. Photo by Erin Long.

Tau Beta Sigma

Tau Beta Sigma is the National Honorary Band Service Sorority, and is dedicated to serving the bands. Our service projects include: receptions for all band and orchestra concerts, water and snacks for the marching band at football games, moving equipment at football games, organization and administration of uniforms and concert tuxedos, instrument inventory and cleaning, fundraising for the Colorgaurd, and publishing of the band newsletter.

"We enjoy helping keep music alive."

-Chris Brown
Senior, Computer Science



Tau Beta Sigma. *Front row:* Sarah Simon, Adrienne Meng, Nick Hamilton, and Liz Wylie. *Row two:* Robert Becho, Amber Robinson, LeAnn Splitter, and Tommy Mills. *Row three:* Matt Shelton, Brian Vollintine, and Chris Brown. *Back row:* Matt Lindaman and Bob Pangrazio. Photo by David Denney.

Honor & Professional

Panhellenic Council

The Panhellenic Council coordinates social sorority activities and policies. They are empowered with policy-making and enforcement authority and given the responsibility to act in the best interests of both the sororities and UMR as a whole.



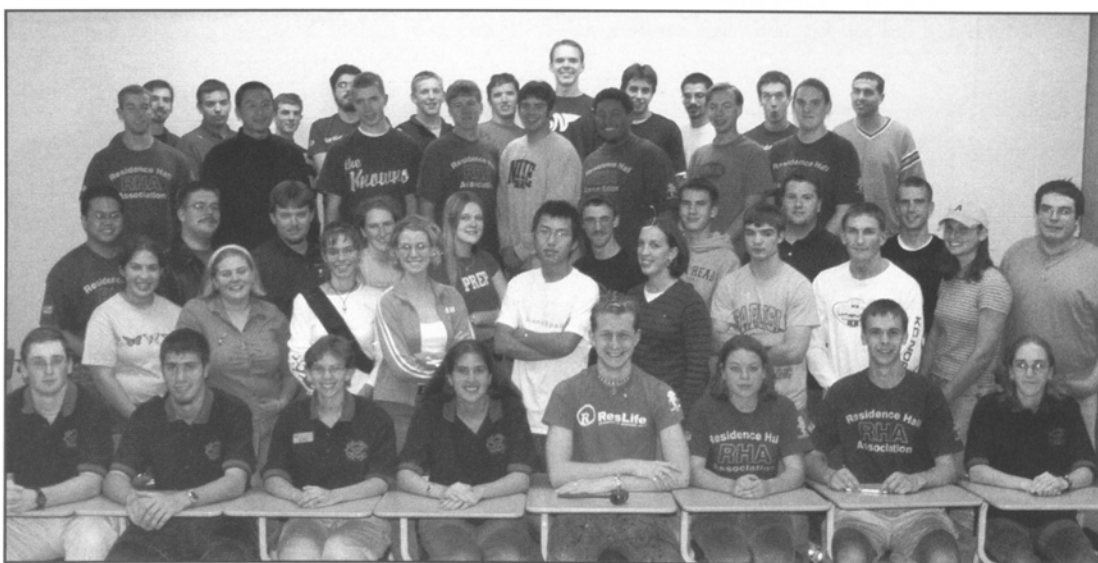
"I joined because girls on campus need to stick together in every way possible."

-Patricia Weng
Sophomore, Electrical Engineering

Panhellenic Council. *Front row:* Alicia Canelos, Meghan Donnellan, Sarah Genz, Angie Scherr, Jennifer Cook, Molly Meyer, and Rachel Grodsky. *Row two:* Danielle Miller, Patty Wenger, Becky Walker, Kelle Iniguez, Leah Rechner, Lara Oakley, Chrissie Baker, and Asha Rao. *Back row:* Cameron Lange, secretary; Katie Fluchel, treasurer; Erin Schepker, vice president of recruitment; Erin Smith, vice president of risk management; Bethany Bradford, president; Michelle Windsor, vice president of committees; Meghan Rogg, senior representative; and Lindsay Bagnall, advisor. Photo by Ryan Bales.

Residence Hall Association

RHA consists of a representative group of students living in the residence halls. They coordinate activities important to the residents of both Thomas Jefferson Hall and Quadrangle Hall.



"I joined RHA to become involved in hall government on a larger scale."

-Dee Collins
Freshman, Computer/Electrical Engineering

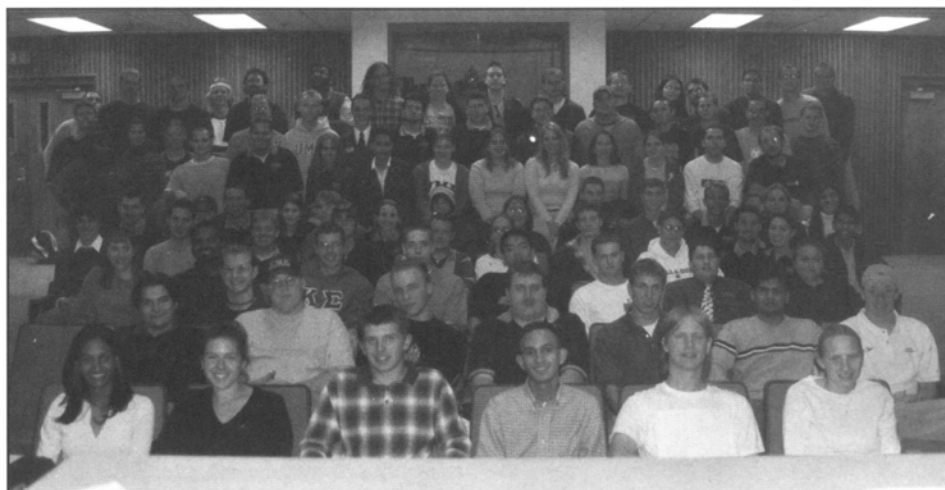
Residence Hall Association. *Front row:* Matt Becker, Dan Kalaf, treasurer; Dee Collins, secretary; Kathryn Sandefur, co-chair; Nathan Mundis, co-chair; Dichelle Taegel, vice-chair; Kyle Lampe; Dixie Schimming, student council representative. *Row two:* Cecilia Fernandez; Shawna Mantia, Jacquelyn Strobbe, Amanda Farr, Kainan Cha, Ashley Salinger, Chris Kavulich, Rusty Reckman, Lisa Hartman, and Jeff Baird-Ellison. *Row three:* Loan Hoang, Aaron Taylor, Mike Miller, Janet Ragon, Kendra Riddle, Daniel Wheaton, Clayton Graham, Matt Dennis, and Isaac Eckert. *Row four:* Keith Schaefer, Jim Fu, Ben Swagman, Steven Zabriski, Mark Cox, Phil Ross, Jesse Birmingham, and Suzanne Judd. *Back row:* Jason Reck, Brandon Pottenger, David Spinden, Hussain Alafaireet, Sam McEwen, Jake Stroupe, Ray Buehler, Ryan Albarelli, Michael Thielker, Matt Gluesenkamp, and Keith Norton. Photo by Erin Long.

Student Council

Student Council provides the mechanism for discussion and debate whereby all student body members may have a formal voice in campus affairs.

"I have really enjoyed working with the blood drives...they are necessary for our community."

-Angie Scherr
Freshman, Undecided



Student Council. *Front row:* Meena Philips, Katie Thompson, Roumen Chamov, Jason Pinto, Jason Detring, and Jennifer Elsenraat. *Row two:* Mehmet Gurguc, Lonny Sund, Scott Steinbruegge, Andrew Draker, Kyle Benne, Shriyay Subramanian, and Ryan Lowe. *Row three:* Sara Whitbeck, Jothi Pallikkathayil, Nathan Mundis, Todd Mills, Josh White, Anthony Nguyen, Stephen Hoffmann, Roger Terry, and Amber Robinson. *Row four:* Nicholas Blanco, Chad DeShon, Rob Riess, Sam Steele, Jeremy Bryant, Dixie Schimming, Levi Terhune, Brandt Genz, Scott Massengale, Elizabeth Pankau, recorder, and Nikhil Nadkar. *Row five:* Daniel Anderson, Heath Ice, Mike Miles, vice president of internal affairs, Valerie Day, Daniel Dillard, Julia Rosemann, Matthew House, Lori Miller, Derek Buchheit, Nathan Marti, Mark Ebel, treasurer, Jamie Ferrero, and Rachael Gliottani. *Row six:* Asha Rao, R.J. Agee, president, Jessica Vitello, David Pham, Katrina Dickmann, Lindsay Epstein, DawnElyn Oursbourn, Angie Scherr, Lauren Etheridge, Alan Kelsay, and Matt Ehlers. *Row seven:* Matt Wilkerson, Tiffany Eigenman, Lauren Huchingson, James Henken, Brandon Wieschhaus, Andy Copeland, Ryan Wilson, vice president of external affairs, Glenn Lloyd, Ryan McCabe, Kevin Volk, Travis Bass, Clay Turner, Keith Connell, and Scott Doetsch. *Back row:* Andy Goetz, Justin Gathright, Travis Boatwright, Charles Hawkins, Henry Suter, Srivatsan Raman, Adam Przybylski, Kristin McFarland, James McDonald, Bryan Johnson, Kurt Linsenbardt, Nicole McBride, Jason Trent, Aaron Segobiano, Marty Rust, and Cameron Sloan. Photo by Erin Long.

Student Union Board

SUB is comprised of students who volunteer their time and energy to present high-quality programs to a wide variety of students.

"I get practical work experience learning how to deal with people on a professional level."

-Shawna Mantia
Senior, Psychology/History



Student Union Board. *Front row:* Shawna Mantia, Ashwin Shashindranath, Chris Bales, and Bob Lowe. *Row two:* Marty Rust, Daniel Davis, Joe Ricca, Michael Teague, and Dave Barker. *Back row:* Mike Miller, Julie Cook, Corey Chapman, Stefanie Jaeschke, Matt Feldmeier, and Pete Dubois. Photo by Roger Terry.

St. Pat's Celebration Committee

The St. Pat's celebration at UMR is one of the biggest in the state. St. Pat's is a long-standing tradition that has been consistently drawing thousands of people to Rolla for the past 95 years. The St. Pat's Committee is in charge of organizing and running this annual celebration. They strive to improve the celebration every year, but need everyone's participation to truly make it the "Best Ever."



"I joined because...I hear women around here like guys who wear Kelly Green."

*-Jonathan Van Houten
Senior, Computer Engineering*

St. Pat's Celebration Committee. *Front row:* Nick Goosey, Jake Scherer, Nick Christain, Mickey Henderson, Jonathan Van Houten, Jeremiah King, Martin Hoffman, Matt Foster, Jeremy Bryant, and Steve Berkley. *Back row:* Brandon Tripp, Jason Sosa, Derek Buchheit, Tyler Jordan, Jon Stewart, Ben Hall, and Chris Brown. *Photo by:* Roger Terry.

Thomas Jefferson Hall Association

TJHA provides activities for residents of the Thomas Jefferson Residence Hall.



"I joined to get to know how things work [in TJ]."

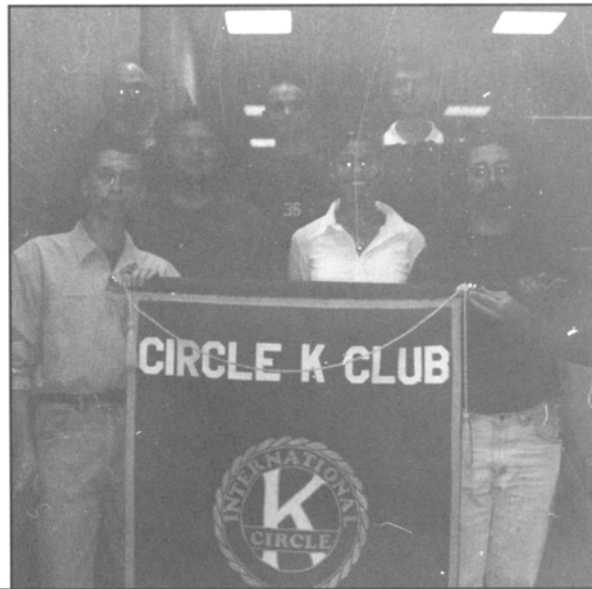
*-Alyssia Huntington
Freshman, Architec-
tural Engineering*

Thomas Jefferson Hall Association. *Front row:* Loan Hoang, vice president; Ryan Albarelli, president; Ben Swagman, treasurer; and Tim Landstra, secretary. *Row two:* Alyssia Huntington, Josh Teal, Chris Barks, Stephen Breidcort, Elizabeth Lewis, Jessica Gray, Amanda Farr, Matt Follett, Michael Cohen, and Amanda Pettit. *Row three:* Melissa Veit, Phillip Jackson, Kevin Daut, Ben Seiter, Andrew Lutes, Chris Schwartz, John Ehyhardt, and B.J. *Back row:* Chris Kavulich, Jason McConnell, Nick, Leon Gibson, Steven Zabriski, Dan Lasco, and Ben Sztukowski. *Not pictured:* Erin Long, Lindsay Epstein, Rusty Reckman, Tom Williamson, Jacquelyn Strable, Krissy Armstrong, Nathan Anderson, Matt Follett, Adrienne Orf, Dan Bailey, Kevin Daut, Casey Eckert, Suzanne Judd, Bret Muehlheausler, Brandon Marchegiani, Aaron Kellett, Ed Cory, and Will Finley. *Photo by:* Julie Portman.

Circle K

Circle K promotes leadership and patriotism.

"I joined Circle K so
I could become
more involved in
Rolla's commu-
nity."
-Bethany Gordon
Freshman, Electrical
Engineering



Circle K. *Front row:* Corey Chapman, president and Henry Suter, secretary. *Row two:* Matt Dennis, vice president and Bethany Gordon, treasurer. *Back row:* Dick Miller, advisor; Jeff Gittemeier; and David Spinden. Photo by Erin Long.

Lambda Sigma Pi

Lambda Sigma Pi works to develop friendship, inspire leadership, and promote community service among the women of UMR.

"At the Chili, Chips,
and Cheese
fundraiser we all
come together, have
a blast, and raise lots
of money."
-Jenny Foster
Junior, Architectural Engineering



Lambda Sigma Pi. *Front row:* Mo Cassin, Jenny Foster, Amy Bone, and Jennifer Speidel. *Row two:* Molly Balke, Pam Elfrink, Heather Stracke, and Laura Lekar. *Row three:* Jaymie Moore, Nikki Rogge, Jennifer Wells, Alexis Collins, and LeAnn Fantini. *Back row:* Melonie Bell, Kelly Reiter, Jennifer Triplett, Debbie Muller, and Sarah Stark. Photo submitted by Lambda Sigma Pi.

Omega Sigma

Omega Sigma is dedicated to providing various leadership opportunities, and to promoting unity and friendship through volunteerism.



"I joined because it was a good opportunity to get to know other girls."

-Beth Hayward
Junior, Engineering
Management

Omega Sigma. Front row: Molly Ernesti, Julie Breckenridge, Jessica Shaffer, Megan Landwehr, Bethany Bradford, Julia McCarthy, Trina Dickmann, Julie Orlich, Katie Gleason, Lauren Huchingson, April Tan, and Katie Thompson. Back row: Tara Hammond, Amy Lunn, Amy Jacks, Kelle Iniguez, Rachael Gliottoni, Krista Wolfe, Katie Beissel, Sarah James, Kara Mattus, Leah Rechner, Katie Fralick, and Sarah Luehmann. Photo submitted by Omega Sigma.

UMR TECHS

The UMR TECHS (Teaching, Encouraging, Caring, & Helping Students) Peer Education Program provides assistance to students through education and resource training. They provide wellness-oriented educational programs and promotional campaigns for the campus and community to increase awareness and knowledge of health issues. In addition to empowering students to help themselves, they provide information on how to identify, help, and support others that may have health problems.



"We are out there trying to make a difference, not only for the campus, but for the community as a whole."

-Brian Anderson
Senior, Metallurgical Engineering

UMR TECHS. Front row: Laney Fritz, Sean Zuckerman, Melissa Veit, Christopher Riney, and Roshan Kotian. Back row: Nathan Bland, William Nance, Brian Anderson, Jason Stadt, and Meredith Cunningham. Not pictured: Leon Hamilton. Photo by Julie Portman.

Up 'Til Dawn

Up 'Til Dawn's mission is to unite the UMR campus in an effort to promote the value of service. They provide students the opportunity to accumulate valuable knowledge through committee planning and event execution to raise money for St. Jude Children's Research Hospital.

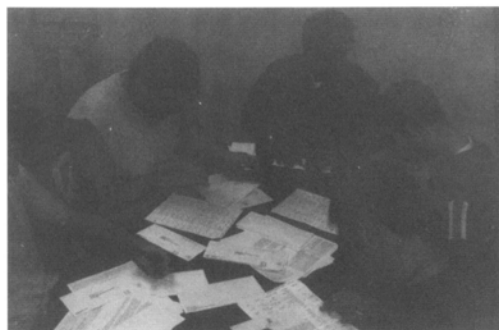
"I've respected and helped St. Jude's hospital since my elementary school days."
-Betsy Holderby
Senior, Mechanical Engineering



Up 'Til Dawn. **Front row:** Tina Sheppard, advisor; Rachel Struby, advertising chairperson; Nicki Freeze, recruiting chairperson; Erin Long, executive director; Madeleine Philpot, assistant director; and Magan Hayes, entertainment chairperson. **Back row:** Ashley Miller, Betsy Holderby, Megan Struttman, Matt Staats, Allen Ashley, Josh Stoll, and Ashwin Shashindranath. **Not pictured:** Roger Terry. Photo by John Ehrhardt.

Serving St. Jude Children

by Erin Long



Above. Students gather to write informational letters to friends and family. Photo by Erin Long.



Above. Erin Long collects money in the cold entry of Kroger's. Photo by Rachel Struby.

Up 'Til Dawn is a nationwide group created to raise money for St. Jude Children's Research Hospital. St. Jude, located in Memphis, Tennessee, is a world-renowned hospital specializing in the treatment of childhood illnesses, diseases, and cancers. The most extraordinary quality of St. Jude is that they provide care to children without cost to their families. They are able to do this because of donations from organizations like Up 'Til Dawn.

"The kids of St. Jude are so sweet. We can all learn something about real life from them," Betsy Holderby, senior in Mechanical Engineering, said.

UMR's chapter of UTD made substantial progress since its rocky beginnings in 2001. Although the organization still struggled to find dedicated members, there were many who believed it would become one of the most popular organizations on campus. In just 18 months, the group won two 'Of the Month' Awards for community service.

"I think that UTD will grow on this campus. You can't ask for a more worthy

cause than fighting childhood cancer. We just need to spread the word and make people aware of the beneficial things we are doing," Assistant Director Madeleine Philpot said.

The hard work of UTD's executive board and members quickly paid off. During the Fall semester of 2002, they raised over \$1600 for St. Jude via fundraisers such as a date auction, a dinner, and a letter writing party. They raised around \$200 by 'canning' at Wal-Mart and Kroger's. Four members sat in the entries of the stores collecting change in old coffee cans as locals did their shopping. They raised over \$600 by auctioning twelve dates in the South Lounge of Thomas Jefferson Residence Hall. Their letter writing competition was also held in the South Lounge of TJ.

"The letter writing party was a great way to put free time to good use," Allen Ashley, freshman in Computer Engineering, said.

There were numerous reasons for joining UTD. It provided ample opportunities to hone leadership skills, and accomplished what needed to be done in order to reach a worthwhile goal.

"Giving is the greatest reward," Ashley said.

Baptist Student Union

The BSU promotes Christianity through teaching, worship, and fellowship.



"Helping at the Baptist Shelter in New Orleans is by far my favorite activity."

-Anna Newman
Senior, Biology

Baptist Student Union. *Front row:* Matthew Green, Matthew Bayne, Jennifer Seher, Stephanie Schondelmeyer, Giwa Gillardi, Leslie Grossenbacher, Anna Goodwyn, Elizabeth Trotter, Jonathon Trotter, Julie Portman, Tara Strait, and Jon Wies. *Row two:* Moya O'Berry, Amy Lunn, Angie Schachner, Betsy Holderby, Tyler Goodwyn, Melinda Tierney, and Sylvia Skouby. *Row three:* Ron Wynne, Trevor Acorn, Steven Macklin, Scott Dalton, Becky VonAhsen, Kelley Hummingbird, Chad Clement, William Sutton, John Tierney, Sam Strackeljohn, Tamarin Stark, Emily Mitchell, Anna Newman, Sarah Brown, and Alicia Adams. *Row four:* Dustin Phelps, Emily Brackin, Chris McGuire, Chris Stevens, Todd Dablemont, Paul Runnion, John Scott, Nathan Kilbourn, Nathan Newman, James Outland, Wendy Hamman, Ed Hamman, Franklin Roberts, Eric Miller, Eric Gentles, Nick Galla, Jeremy McCright, and Adam Gorrell. *Back row:* Kendra Riddle, Neal Ross, Clayton Calhoun, Valerie Day, Joshua Gentry, Jared Moore, Jeffrey Houghton, Matthew Forbis, Brad Heuser, Chris Doss, Michael Lettner, David Oswald, Timothy Crabtree, Philip Wilson, Kensey Russell, Charles Haning, Travis Hebner, Nathan Switzner, and Ira Dunn. *Not pictured:* Daniel Denton, Chad DeShon, and Steven Zabriski. Photo by Julie Portman.

Chi Alpha

Chi Alpha is an organization of students in higher education who unite to express the person and claims of Jesus Christ to the UMR campus and community.



"I joined because I like the way they teach the Bible."

-Ming Xin
Senior, Aerospace
Engineering

Chi Alpha. *Front row:* Daniel Cox and Amal Dass, president. *Row two:* Sheri Haselhorst, Iris Cox, Muhua Chen, Isabell Were, and Chunhong Zhou. *Row three:* Ruan Jianzhong, Xiang Ren, Chioma Udeze, Junling Hu, vice president, and Samuel Sathya. *Back row:* Lijun Han, Chang Qian, Karan Venayagamoorthy, Ming Xin, Ross Huselhorst, advisor, and Vivian Stephan, secretary. Photo submitted by Chi Alpha.

Christian Campus Fellowship

CCF is a non-denominational student organization offering both large and small group Bible study.

"The spring break trips give you a chance to get out of Rolla and help some people."

-Mark Maxwell
Senior, Math Education



Christian Campus Fellowship: *Front row:* Mark Maxwell, Jacob Rolen, Nathan Carlson, Davae Collins, Amberlee Cook, Troy Hythecker, Kristina Marburger, Jonathan Marburger, Jeremiah Bridges, Justin Semsch, Erin Carey, Isaiah Kellogg, John Olle, Matt Myers, David Spinden, and Chris Coleman. *Row two:* Paul Whetstone, David Swartz, Gail Lueck, Anne Lennertson, Faith Mahoney, Abbie Stewart, Paul Ourth, Natalie Davidson, Holly Dameron, Kerrie Weirlein, Jerica Weirich, Ashley Adams, Rebecca Rich, Megan Hayes, Kymberly Hill, Lisa Hartman, Chris Barnes, and James Dymott. *Row three:* Lenny Brubaker, Scott McReynolds, Jake Stroupe, Justin Kronk, Evan Mudd, Debbie Morton, James Bruce, David Walker, Ryan Irvin, Nathan Ayres, Ivan Teoh, Matt Kreyling, Jordan Ayers, Chris Venable, Tobyn VanVeghten, Brent Merrick, and Aaron Beck. *Row four:* Micah Hackett, David Boca, Laura Forshee, Seth Forshee, John Haas, Josh Gerrels, Garrett Sloman, Mike Ellebrecht, Hugh Benhardt, Steve Casteel, Nathan Marti, Amal Dass, Nicolas Burlingham, David Triplett, and Allen Schofield. *Row five:* Michael Roetheli, Lucas Moore, Vivian Stephen, Karan Venayagamoorthy, Chad Beardslee, Robert Barron, Sathish Augustine, Ryan Murray, Ryan Feeler, Nathan Arnold, Joshua Brown, Alfredo Camarillo, Josh Williams, Aaron Clark, Jason Soucie, Jeremy Dick, Aaron Gage, Brad Carrow, David Gwyn, Jerred Webb, Jaired Hall, Ben Klor, Mike Pechawer, Robbie Haselwander, Norman Horn, and James Eye. *Back row:* Jonathan Pribble, Sarah Klein, Justin Norvell, Nick Morton, David Goben, and Joshua Peterson. Photo submitted by CCF.

Catholic Newman Center

The Newman Center works to help UMR students and live their faith. From Wednesday night mass to the February Fluffy Flapjacks Festival, the Newman Center lets students balance studying with retreats, worship, and social activities.

"Everyone is fun and welcoming...I never feel left out or uncomfortable."

-Rebecca Wayman
Junior, Chemistry



Catholic Newman Center. *Front row:* Beth Kubicek, Chuck Williams, Julia Rosemann, Thuy Duong, Mike Toecker, Stacey Redington, Kelly Kriete, Harry Benhardt, Katie Netemeyer, Christina Eck, and Nick Streeter. *Row two:* Rick Szevery, Kerney O'Connor, Matt Ryan, Pete Nenninger, Adrienne Orf, Benedict Benito, Andrea Hona, Kate Hamera, Tawnia Misak, Jon Champion, Bob Woodley, Laura Allen, Keith Gittemeier, and Dan Mohan. *Row three:* Jason Pinto, Mike Bradley, Matt Thacker, Paul Taylor, Kiley Aasby, Hugh Benhardt, Derek Schmitz, Roland Koenig, Jordan Haug, Walter Kramb, Anna Cook, and Stephanie Garvin. *Back row:* Keith Boyd, Andrew Pagan, Nick Winker, Matt Pezold, Adam Tiehes, Ryan Van Booven, Margaret Schlueter, Gary Halligan, Ben McCarthy, Landon Brown, Sr. Renita Brummer, Andreas Koenig, Wes Merkel, Matt Conway, Dan Ryan, Jacob Miklovic, Bob Beuhler, Rebecca Wayman, Nick Correnti, and Mike Voss. Photo submitted by the Newman Center.

Inviting All Students: The Newman

by David Bryant

Big changes happened to the Catholic community at UMR. The Catholic Campus Ministry Center, formerly the Newman Center, moved. The move was not far; in fact, the new house is located next door to the old Newman Center, which had been on the UMR campus since 1953. The move put the organization in a much nicer setting than the old house—a new building that was dedicated in November 2003.

"[The old] building was much too small, and it had lots of structural and electrical problems," said Sister Renita Brummer, Newman Center Director. "It really wasn't safe anymore. We're really excited about the new building because we feel it will be a great asset to students and help with retention."

The new building has 9000 square feet—more than triple the space in the old house. This was good news for the 150 students active with the organization. The new house has a student lounge, a seminar room, leadership offices, ethics and morality offices, a small chapel, and, as Sister Renita describes it, "a kitchen with a capital 'K.'"

"The new building is much more attractive than the old one was. It will give us the opportunity to get new people who wouldn't be drawn to the old building," Benedict Benito, freshman, said.

The \$750,000 house was built over the course of three years. A major study was done in year one, funds were raised in year two, and the building was built in 2002–2003. Students helped to raise funds from alumni who had been active with Newman, generous people from St. Patrick's Parish, parents,

other students, and grants from foundations. "We've gotten a lot of support from people who believe in what we're doing and know how important it is for people to have a place like the Newman Center in college," said Sister Renita.

The members of the organization are dedicated and participate in a variety of activities and service projects. "We put together a lot of programs that help students and members of the community with their lives," Sister Renita said. "We have been doing woodcuts for the community for years, we put on social programs for the students, have taken them to leadership workshops, and put together spiritual retreats. We also connect students with people in St. Patrick's Parish, who help them out and act as a sort of family away from home." The idea of a 'home away from home' has also been applied to the house itself. "I started coming here because I was Catholic. But after a while it became a second home for me," Benedict Benito said.

Most members of the Catholic Campus Ministry Center are active with St. Patrick's Parish. And while the organization was able to put on many social events, spiritual leadership was also an important goal. As active member Martin Perez described it, "The need for ministry is evident in people. They want to know who God is, and Newman can help get them started."

With the new building, the Catholic Campus Ministry Center has a new set of goals to work for. "We want to broaden our availability to all students, not just Catholic ones. We would like to attract new members who wouldn't have been part of the Newman group and help serve all of campus."

Left. Construction of the new Campus Ministry Center began early in the Fall 2002 semester. The old Newman Center house can be seen in the background. Photo by John Ehrhardt.



Center Expands

Right. Michelle Windsor, Tawnia Misak, and Julia Rosemann (on the floor) talk with Bob Woodley, Anna Cook, and Liz Owen (on the couch). Students enjoyed socializing in the old Newman Center, despite the crack in the wall behind them. Photo by Julie Portman.



Above. Framework for the new house went up quickly. Construction workers could be seen here on all but the rainiest days. Photo by Julie Portman.

Right. The new building is nearly complete. Only the interior work and final touches are left as the weather turns cold. Photo by Julie Portman.



Latter-Day Saint Student Association

LDSSA is affiliated with the Church of Jesus Christ of Latter-Day Saints.



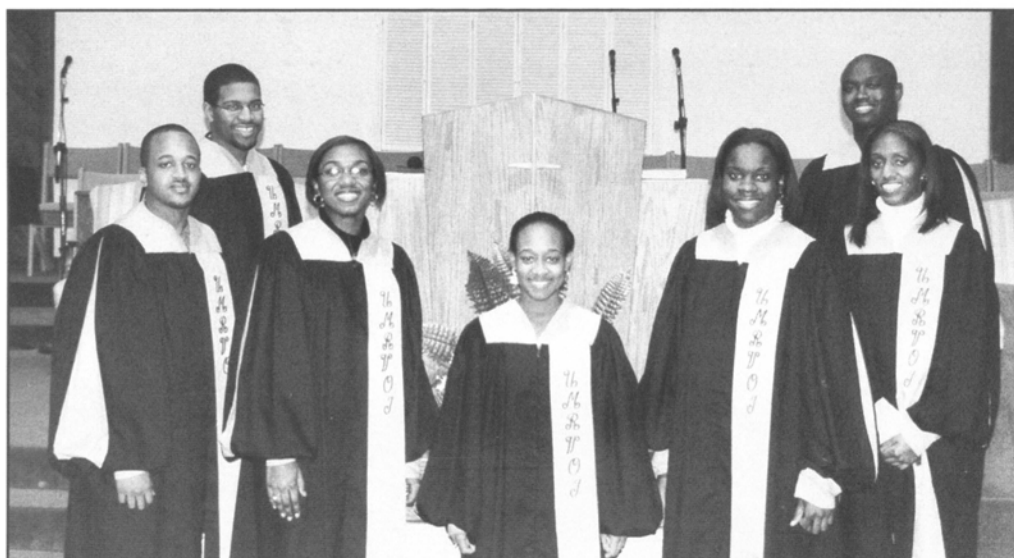
"This is a great place to meet people who have the same interests as me."

-Sara Whitbeck
Freshman, Physics Education

Latter-Day Saint Student Association. Front row: Audrey Abney, Kathryn Matthews, Sara Whitbeck, Jillicia Jones, Auburn Walker, Benjamin Esteban, Leslie Koenen, and Nina Ownby. Row two: Benjamin Stauffer, Karen Barnard, Roger Bullock, Michell Grider, Gary Williams, James Tinsley, Juan Banuelos, Sister Olsen, and Brother Olsen. Back row: Lisa Kins, John Grider, Ryan Stott, Jason Phillips, Glenn Lloyd, Michel Call, and Darrell Ownby. Photo by Roger Terry.

Voices of Inspiration

Voices of Inspiration spreads God's light through song, provides worship services, and offers fellowship.



"Voices allows you to fellowship with other Christian students and praise God at the same time."

-Mecca Liddell
Senior, Engineering Management

Voices of Inspiration. Front row: Robert Stewart, Terri Barnes, Tiffany Cushshon, Alexandria Merritt, and Mecca Liddell. Row 2: Christian Washington and Dwan LaMar Prude. Photo by Will Harbison.

African Student Association

ASA promotes a greater understanding of the various cultures on the African continent and provides a network of support among the African students on campus.

"In ASA we try to contribute a cultural difference to a very parallel UMR community."

-Herman Tekle



African Student Association. Front row: Hermon Tekle, secretary; Gedeon Teame, vice president; Fesseha, president; and Tesfom Berhe. Photo by Ryan Bales.

Association of Black Students

ABS unites and obtains further representation for black students. They foster growth in the culture and studies of the black race, and strive to improve the relations among all students and members of the community. They are responsible for the Black Culture House.

"My favorite activity is the skating party...everyone has a great time"

-Chris Riney
Senior, Electrical Engineering



Association of Black Students. Front row: Erick Richardson, Christian Lee, and Christopher Campbell. Row two: Tanisha Neal; LaChelle Prude; Alexandria Merritt; Tiffany Cushshon; Myran Collier, secretary; and Mecca Liddell. Row three: Rob Stewart, president; Andrew Cleveland, parliamentarian; Chris Riney; William Finley; Arnold Hart II; Andre Davis; Adam Moore; and Marnell Berry. Back row: Leon Hamilton; Christian Washington, vice president; Chris White; DeMarco Davidson; and Cornelius Weaver. Photo by Rachel Struby.

International Students Club

The International Students Club promotes social and cultural relations between international students and other UMR students.

"The parties that we organize periodically are a lot of fun."

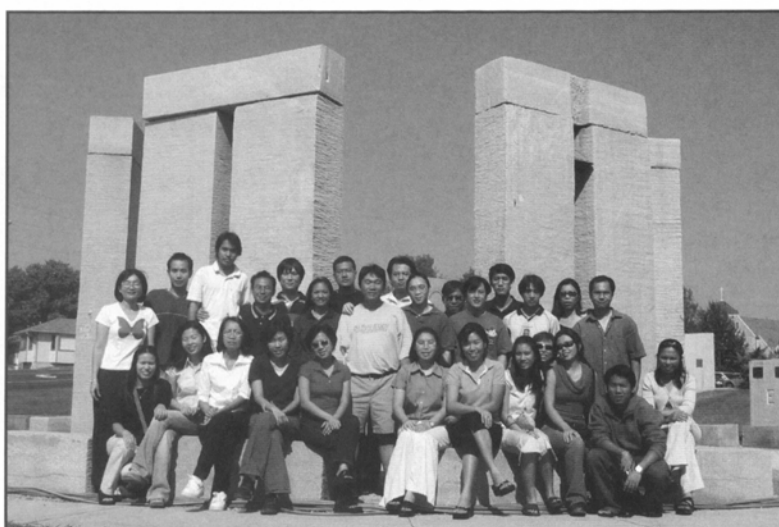
-Sandeep Pedam
Sophomore, Aerospace Engineering



International Students Club. Front row: Dr. Halvard Nystrom, advisor and Sony Mascaren, president. Row two: Nikil Smitha Bangalore, Surya Vijay, Vamsi Penmacha, Bharadvaj Krishnamurthy, Jackly Norono, and Shirish Sreedharan. Back row: Sandeep Pedam, vice president; Tihana Fuss; Romal; Nitin Pai; Harshini Wijewardane; Dezelic Vanja, secretary; Raskto Sknepnek; and Piotr Szymigiel. Not pictured: Anja Frauenberger, treasurer. Photo submitted by the International Students Club.

Thai Students Association

The Thai Students Association promotes the understanding of Thai customs and provides guidance to new Thai students.



"My favorite activity is playing sports with other Thai associations in other cities."

-Jittapol Vongvivat
Master's, Manufacturing Engineering

Thai Students Association. *Front row:* Nisanart Navapan, Atcharaporn Pongtanarak, Nuanpen Juangvanich, Maneerat Ongwandee, Rawinkhan Srinon, Sansanee Boonsalee, Kalayanee Poon-assawasombat, Piyawan Krisanangkura, Rachadaporn Seemamahannop, Sunisa Amornwattana, Jittapol Vongvivat, and Tunyarat Viriyapituk. *Back row:* Kanisa Kittiratanapiboon, Tartat Makkhamakul, Vachararit Roongsang, Wichisawat Suksawat Na Ayudhya, Suriyaphong Kulkeratiyut, Suntree Kulkeratiyut, Thira Chavarnakul, Dr. Korakot Hemsathapat, Pipat Jitrapongpipat, Anuwat Sriudom, Kunyayut Eiamsa-Ard, Thananun Siwamogsatham, Veerapat Suphanit, Kitkorn Tathayyut, Oratai Jongprateep, and Maethee Chandavimol. Photo submitted by the Thai Students Association.

Vietnamese Students Association

VSA promotes and maintains friendly relationships while supporting cultural, educational, and social activities related to the Vietnamese culture.



"The people in VSA give me a sense of belonging."

-Huong Ehrhardt
Junior, Business and Management Systems

Vietnamese Students Association. *Front row:* Hai Bui, Khanh Pham, Loc Phan, and David Pham, president. *Row two:* Huong Ehrhardt, Nancy Nguyen, secretary; Nga Nguyen, vice president; Tiffany Duong; Thuthi Dam, treasurer; and My Linh Truong. *Back row:* Nam Nguyen, Quang Le, Phong Au, Vy Nguyen, Stanley Dam, Trung Dam, Phong Phan, and Hao Pham. Photo by Rachel Struby.

KNMR Radio Station

KNMR is operated entirely by UMR students both in planning and broadcasting. They have an emphasis on educational and entertainment matters of interest to the campus community. They broadcast on 89.7FM.

"We have over 50,000 albums so whatever music you want to hear, we've got it covered."
-Heather Saint John



KNMR Radio Station. *Front row:* Paul Keuss, Ernie Johnson, Doug Mackay, Courtney Privett, and Stephen Kozlen. *Row two:* Sara Grandin, Roger Terry, Patrick Turley, Chris Riney, Matt Feldmeier, and Paul Quinn. *Row three:* Heather Saint John, Heather Mehan, Mike Miller, Sandy Sansing, Joel Faucett, Mike Finn, and Glen Curten. *Row four:* Nathaniel McCoy, Carrie Pulliam, Bianca McCollough, Cory Stricklin, Nathan Jeffries, Jason Conway, Nicholas Blanco, and Pete Russell. *Row five:* Kris Schmoll, Ashwin Shashindranath, Jinglei Wang, Kevin Moore, AJ Larson, Ryan Masters, and Courtney Buck. *Row six:* David Bryant, Jon Swagman, Jonathan Witte, Kurt Wagner, Mike Touma, Raymond Myers, and John Rhoads. *Row seven:* Will Harbison, Raman Guntaka, Jim Drapinski, Greg Rieker, Jason Stanley, Jason Mills, and Matt Lueders. *Back row:* Todd Wilfling, Mike Schaefer, Dan Feighery, Andrew Wilding, Ryan Veach, and Rich Phillips. Photo by Ryan Bales.

Missouri Miner

The Miner is a weekly newspaper written, edited, and published by students. Routine reporting assignments are used to prepare and screen candidates. Many positions provide compensation for work completed.

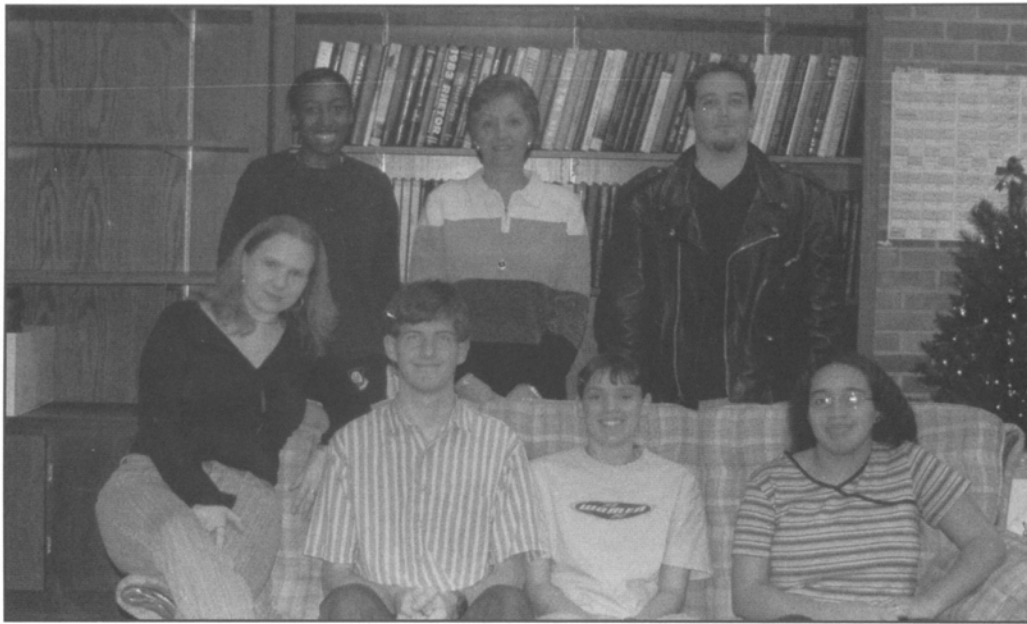
"Working on the Miner will teach you a lesson about meeting deadlines."
-Sondra Terry
Junior, Architectural Engineering



Missouri Miner. *Front row:* Sondra Terry, sports editor; Gretchen Gawer, editor-in-chief; and Erika Marlow, news editor. *Row two:* Amy Edwards, assistant features editor; Jeffrey Slane; and Chip Kastner, managing editor. *Back row:* Blake Gray, features editor; Allan Annaert, advertising director; and Charles Culp, photo editor. *Not pictured:* Debbie Muller, business manager; Matt Montgomery, business assistant; Laura Warren, assistant news editor; Bret Brown, assistant sports editor; Jason Brown, assistant ads; Justin Burd, copy manager; Beth Cullen; Kristen DeFilippo; Shawna Mantia; Deepak Singhal; Toby Kurien; Jason Banasovich; Amruta Bhide; John Hershberger; Andrew Lugge; Corey Klotz; Colin McFarland; Bianca McCollough; Jonathon Murray; Julie Orlich; Vince Ovilia; Samuel Selvan; Sarah Thompson; and Conor Watkins. Photo by Erin Long.

Rollamo

The Rollamo staff designs the official student yearbook for UMR. Editorial, photography, and writing positions are filled on a regular basis based on competence, and all positions provide compensation. The yearbook is distributed each Fall semester.



"It's rewarding to help share and preserve the history of UMR."
 -Ryan Bales
 Junior, Computer Engineering

Rollamo. *Front row:* Sharon Sebastian; Ryan Bales, editor-in-chief; Julie Portman, organizations editor; and LaChelle Prude, student life editor. *Back row:* Dionna Dunning; Carol Molchan, adviser; and Shawn Hill, events editor. **Not pictured:** Erin Long, Rachel Struby, David Denney, Tanisha Neal, and Matt Allen. Photo by Ryan Bales.

Advanced Aero-Vehicle Group

The Advanced Aero-Vehicle Group promotes technological advancement and knowledge of the aerospace sciences.



"Our design has to be forward thinking else we repeat the past."
 -Doug Tolbert
 Junior, Aerospace Engineering

Advanced Aero-Vehicle Group. *Front row:* Tom Barnett, vice president; James Tinsley; Austin Alley; Landon Brown; Chris Keithley; and Derek Schmitz. *Back row:* Nick Eckstein, president; Dr. Fathi Finaish, advisor; Sergio Esteban; Beth Voss; Kris Atkins; Trent Taylor, treasurer; Henry Suter, secretary; John Fiore; and Natalie Davidson. **Not pictured:** Brian Schoene, Doug Tolbert, and Brian Carlson. Photo submitted by the Advanced Aero-Vehicle Group.

Amateur Radio Club

The Radio Club promotes interest in amateur radio operations, and offers students in all fields a unique opportunity to put much of what they learn in class to use in real world applications. The club maintains a station in G29 of the Electrical Engineering building for all members to use.

"Participating in public service by providing communications can be very rewarding."

-Ken Cechura
Senior, Electrical Engineering



Amateur Radio Club. Front row: Matt Forbis, station manager; Ben Moss, treasurer; Jon Champion, vice president; Dr. Randy Moss, advisor; Rob Tuttle, secretary; and Ken Cechura, president. Row two: Kristin Williams, Cari Nunn, James Wayne, Corey Jasper, and Roger Bullock. Back row: Brad Swaters, Eugene Shoykhet, Timmy Forbis, Joe Counsil, Greg Reynolds, and Paul Taylor. Photo by Erin Long.

Collegiate Eagle Scout Association

The Collegiate Eagle Scout Association provides an opportunity for scouts currently enrolled in college to continue their scouting careers.

"I like to help people...and the purpose for CESA is to help Rolla's scout troops."

-Tom Coleman
Senior, Geological Engineering



Collegiate Eagle Scout Association. Front row: Dr. Randy Moss, advisor; Brian Higgins, vice president; Nathan Wilke; and Josh Deehr. Row two: Tom Coleman; Chris Kessler, secretary; Andy Zehner; Jeremiah King; and Adam Lavallee. Back row: Keith Gittemeier, president; Timothy Robillard; Jeffery Green; and Corey Chapman. Photo by Rachel Struby.

Concrete Canoe Team

Concrete Canoe promotes and provides for intercollegiate competition while fostering leadership, teamwork, and project management skills in the concrete canoe project.



"Concrete Canoe lets us use the stuff we've learned in class. We make a boat out of concrete! How cool is that?"

-Rachel Mudd
Junior, Civil Engineering

Concrete Canoe Team. *Front row:* Joe Clendener, Rachel Schiller, Adam Schuman, Matthew Fielder, Sarah Phillips, Rachel Mudd, Kris Wolfe, and Andrew Duffe. *Row two:* Nathan Marshall, Josh Kincaid, Garrett Struckhoff, Ronny Hardee, Erin Wohlrab, Chad Beardslee, and Sam McEwen. *Row three:* Jon Ballmann, Tim Riechers, Anna Stoverink, Ron DeClue, Matt Oberneufemann, and David Holdener. *Back row:* Mike Kueny, Mike Dancer, Aaron Carrell, and John Myers. Photo by David Denney.

Delta Omicron Lambda

DOL promotes women's issues and unity among UMR students through service, participation, and education.



"With DOL we do service projects, but also go out and have fun."

-Sarah Butler
Junior, Mechanical Engineering

Delta Omicron Lambda. *Front row:* Stacey Fletcher, Barbara Porter, Ana Mora, Melinda Wormington, Jessica Shultz, Sarah James, and Leslie Olson. *Row two:* Jessica Owen, Angela Agee, Rachael Gliottoni, Katie Clark, Kindle Ernst, Collette Galaske, Sandy Wagner, and Julia McCarthy. *Row three:* Sarah Butler, Erin Butler, Lauren Roberts, secretary, Amanda Merwin, Nicole Rogge, Liz Owen, Maureen Cassin, Jennifer Allen, and Lauren Wilkinson. *Back row:* Candace James, Leah Maurus, Colleen Connors, Traci Holcomb, treasurer, Morgan Anderson, Rebecca Wayman, Amanda Tallman, vice president, Beth Hayward, president, Josi Wright, and Kathy Knecht. Photo by Julie Portman.

Formula SAE Racing Team

Formula SAE offers students the opportunity to implement what is learned in the classroom, providing them with experience, knowledge, and social skills needed for a successful career.

"My creativity is never limited by anyone or anything."
-Chris Ford
Senior, Aerospace Engineering



Formula SAE Racing Team. Front row: Chris Ford and Ben Wright. Back row: Matt Angle, Matt Wilding, Jay Wheeler, Josh Angle, Misty Mills, Niles Grant, Benedict Benito, Nathan Plackemeier, Matt Murphy, Ben Gronemeyer, Kelly Stevens, Adam Neer, Don Mueller, James Nelson, Brad Davis, Matt Tinker, Matt Giaraffa, Jimmy Tokos, Mike Bradley, Michael Hess, Mike Schaefer, Corey Blue, Ryan Hutcheson, TJ Wingard, Bob Miller, Marc Davis, Jesse Kauffman, Brad Pecka, Mike Mayer, Tiffany Eiganmann, Jason Compton, Steve Salmons, Ryan Stecher, Matt Moser, Rob Voss, Josh Chandler, Dr. Hank Pernicka, Becky Smith, and Jess Nowack. Not Pictured: Kyle Sampson, Caleb Gebhardt, Craig Goodloe, Alex Hofstetter, Ryan Hedrick, and Kevin Shank. Photo submitted by Formula SAE.

M-Club

M-Club encourages increased participation in the University's varsity sports program, and stimulates sportsmanship and spirit among varsity athletes.

"I like volunteering at the local schools...it's important to show the children how successful student athletes can be."
-Amanda Weingartner
Senior, Computer Engineering



M-Club. Front row: Amie Fugiel, Jenny Meitz, Jennifer Triplett, Sandy Wagner, Stacey Fletcher, and Rachel Helser. Back row: Christy Deken, Amanda Weingartner, Janet Borgmeyer, Adam Kresler, and Paul Thompson. Photo by David Denney.

Super Solar Power learning how to save,

by Allison Arnn and Julie Portman

The Solar House Team entered their first ever Solar Decathlon in September 2002. The project was a joint venture with the Rolla Technical Institute. The challenge of designing and building a solar powered house, and then shipping it over 1,000 miles for the competition in Washington D.C. appealed to students for many reasons.

"I joined the team because I was interested in renewable energy," said Amy Schnieder, the Solar House Team's Director of Development.

"I hoped we would show people what was possible," explained Team Leader Chris Stevens.

The team soon discovered designing a house that could meet the rigorous energy requirements of the competition would involve more than just slapping solar panels on a roof. They had to be able to heat and cool the house, heat water, wash dishes and laundry, run a home office, have a television on for six hours a day, and use any excess power produced to charge an electric car for running errands.

"The decathlon was designed to simulate the energy consumption of the common home," Corry Hailey, Director of Design and Construction, said.

Despite the huge project before them, team members were eager to start construction on the house.

"I thought it was a really cool project because it is so practical. I mean, you can live in the house that we built," Ryan Thornton, senior in electrical engineering, said.

The team's focus always remained on the goals of the competition. By including features like a sun porch, a swing-

ing bookcase, and an open floor plan, the team hoped that the house's light and airy feel would appeal to the public's sense of home. Unless told, no one would ever guess the house was relying on the sun for all its energy.

"We wanted to prove that you could live in a 100% sustainable home without sacrificing your lifestyle," Hailey said.

At the competition, the Solar House Team placed best in refrigeration and worst in design presentation and simulation. Last minute changes in the electrical system caused the actual house to not match the design simulation.

"Cramming before the deadline was the most stressful part. I think we did over half the work in the last two days before the showing," said team member Allison Arnn.

All the students involved were successful in learning about solar energy, informing the public, and investigating the practicality of living off the sun. The house has been permanently placed in Rolla on the corner of 10th and Poole.

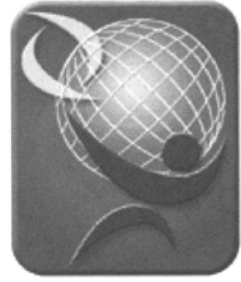
Contest Final Standings:

1st	University of CO - Boulder	875.3
2nd	University of VA	848.5
3rd	Auburn University	840.3
4th	University of MD	777.9
5th	VA Polytechnic Institute	777.9
9th	University of MO - Rolla / RTI	652.2

Right. The house is ready to be unloaded after returning from the Solar Decathlon. It folded to a height of twelve feet six inches and was transported on semi trucks in three sections. Photo submitted by the Solar House Team.



and store, energy



Social & Special Interest



Above. The team reassembles the house on the National Mall in Washington D.C. The house was designed such that cranes were not required for assembly. Photo submitted by Solar House Team.



Left. Joel Faucett talks about the combination washer/dryer unit used in the house. All the appliances were standard except the refrigerator, which had deep insulation and had the compressor on the top to keep heat from rising into the fridge. Photo by Linda Portman.

Rotaract

The purpose of Rotaract is to provide an opportunity for young men and women to enhance the knowledge and skills that will assist them in personal development, to enhance the knowledge and skills that will assist them in personal development, to address the physical and social needs of their communities, and to promote better relations between all people worldwide through a framework of friendship and service.



"I liked bringing Christmas gifts to the kids at the Gingerbread House."

-Hannah Yount
Junior, Nuclear
Engineering

Rotaract. Front row: Derek Kneir, vice president; Adam Lewis; Hannah Yount, president; Christy Aubuchon, secretary; Laura Neimeyer; Michelle Minard; and Craig Heimericks, treasurer. Photo submitted by Rotaract.

Show Me Anime

Anime archives Japanese animation for the purpose of making this Japanese art form available for viewing and appreciation.



"Anime is unique in its ability to take an issue very seriously and yet to make fun of the same issue."

-Stephen Horn
Sophomore, Computer
Science

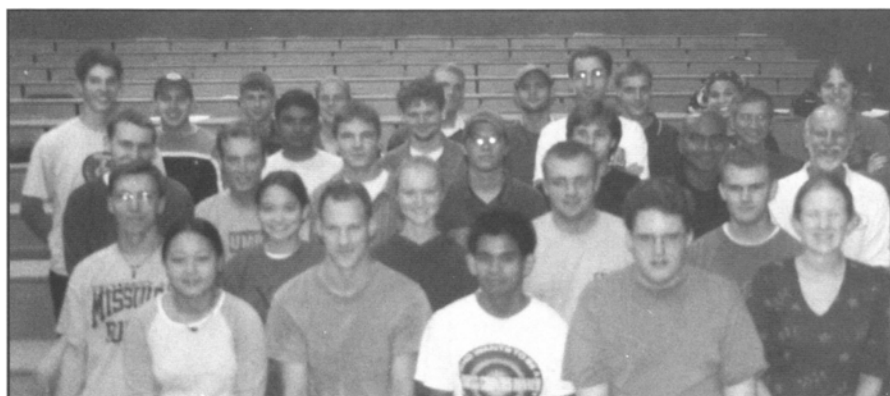
Show Me Anime. Front row: Kristy Miller; Jeremy Budds, treasurer; Jason Bivens, vice president; Mark Dickson, president; Leighann Harvey, secretary; Matt Rezny; and Kurt Linsenhardt, student council representative. Back row: Joseph Still, Benjamin Lee, Jeff Daum, Cameron Johnson, Charles Huber, Mark Meyer, Ryan Murray, Stephen Horn, and Stephanie Fesenmeyer. Photo by Rachel Struby.

Solar Car Team

Solar Car promotes interest and knowledge of solar-powered automobiles and their application to human welfare.

"I like the technical experience made available to all members of the team."

-Jason Nolte
Sophomore, Mechanical Engineering



Solar Car Team. Front row: Erin Miller, Brendan Shaughnessy, Benedict Benito, Michael Christie, and Dawn Ehlers. Row two: Russel Molyneaux, Tessa Russell, Megan Struttman, Brandon Radford, and Kerry Poppa. Row three: Neal Essner, Karl Neuman, Brad Albrecht, Robert Becho, Jason Phillips, Srinivas Jakkidi, and Dr. Doug Carroll. Row four: Jason Nolte, Sundar Srinivasan, Eric Pieper, Andrew Baughman, and Dr. C. H. Wu. Back row: Scott Essner, Brandon Simrell, Leah Rechner, James Jenkins, Matthew Voss, Daniel Riley, Bethany Gordon, and Elijah Crawford. Not pictured: Stephanie Maiden. Photo by Erin Long.

Solar House Team

Solar House endeavors to help people realize the feasibility and necessity of the use of solar energy in homes. They also work to increase public awareness of the economic and environmental benefits of renewable energy through research, example, and public outreach.

"I joined because I was looking for a way to be active and help with the energy crisis at hand."

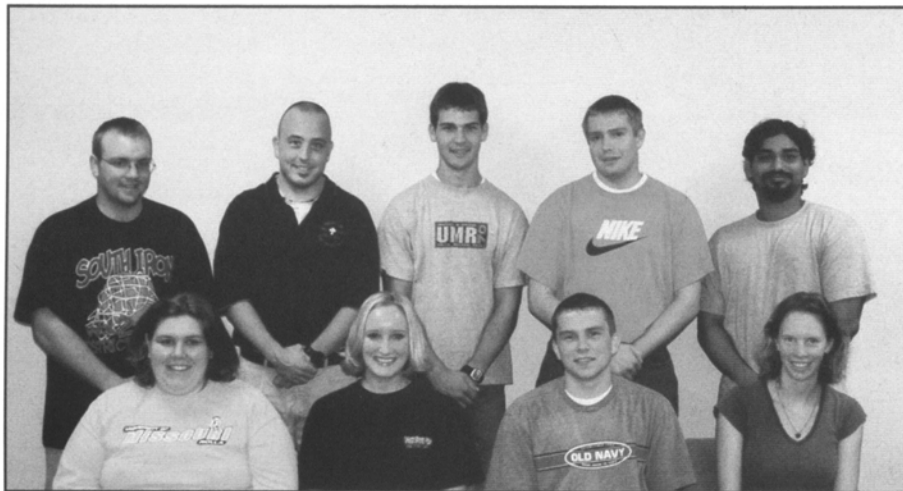
-Erik Timpson
Junior, Electrical Engineering



Solar House Team. Front row: Bob Phelan, Todd Acinelli, Amy Schneider, Jacques Fransaw, Allison Arnn, Darrick White, Joel Faucett, Jeffrey Evans, Pierre Vignal, and Michael Hibbeler. Back row: Daniel Donahue, Travis Oduval, Shawn Hawk, Chris Stevens, Ryan Thornton, Erik Timpson, Carl Stunkel, Adam Tiehes, Chuck Booth, and Dr. Eric Showalter. Photo by Matt Allen.

Timber Bridge Team

The UMR Timber Bridge Design Team is a collection of students of all majors that work together to design and construct a bridge for a national bridge building competition. The bridge is constructed mainly of wood, with less than 25% composing of non-wood materials. The bridge must hold a load of twenty kilonewtons for one hour.



"How many people
can say they built a
bridge that held up
more than a few
pounds?"
-Brandon Radford
Freshman, Chemical Engineering

Timber Bridge Team. Front row: Megan Hammon; Diane Lemp, treasurer; Travis Boatwright, president; and Mary Shafer, secretary. Back row: Brandon Radford; Kelly Goss, vice president; Joe Haas; Chris Morgan; and Pradeep Subramanian. Not pictured: Jason Brown and Gary Greene. Photo by Erin Long.

Toastmasters

Toastmasters provides opportunities to prepare and deliver speeches, read and listen analytically, learn and practice parliamentary procedures, and conduct group discussions leading to self-improvement.



"I joined because I
didn't want to wind
up like a few of my
teachers: full of
information but
unable to share it."
-Amy Schley
Sophomore, Architectural
Engineering

Toastmasters. Front row: Keith Lococo, secretary; Piyush Vaghela, vice president membership; and Shiva Sooryavaram. Row two: Sunisa Amornwattana; Douglas Sickbert, sergeant at arms; Nikhil Nadkar; and Scott Uder, president. Back row: Malina Dhillon; Guotao Lu; Sivaramkrishnan Srinivasan, vice president education; William Danchus; and Chris Schley. Not pictured: Dr. Steve Watkins, advisor and treasurer; Dietrich Ahadi; Rohit Dua; Pinar Demircan; Vicki Eller; James Fonda; Joseph French; Scott Hayes; Radha Kalyani; Amy Schley; and Vishal Lokhande. Photo submitted by Toastmasters.

Anniversaries Abound for Toastmasters

by Sharon Sebastian

There was a room, lit with soft light as it rained outside. There was a cold, nearly winter wind blowing around the building, but the atmosphere around the tables was warm and welcoming. Here several people had gathered to have a friendly lunch and to celebrate. Talking and laughter seemed to coincide with each other over the good food. These people obviously enjoyed each other's company and were happy about something. These warm and caring groups were the Toastmasters and the University Orators, and they were celebrating their anniversaries.

Toastmasters was started based on two things: communication and leadership. The University of Missouri-Rolla Club #4850 was chartered May 24, 1982 (20th Anniversary) and is open only to students. The University Orators Club #4626 was chartered March 20, 1987 (15th Anniversary) and is open to students, staff, faculty, and community members. They were actually two separate groups, yet they acted as one. The clubs have a joint anniversary celebration every five years.

During all the speeches, recognitions, and awards, camaraderie and good will could be felt. The theme of how much Toastmasters helped everyone was fluent throughout the entire celebration. "I've been in Toastmasters for five years and can say that I have learned so much about leadership, presentations, communication, and friendship," Vanessa Goodwin, 1999 chemical engineering graduate, said. "This organization gave me the jump-start in becoming a leader in my industry. The skills have shown themselves in my job and have been recognized by my superiors." Similar stories could be told around the room.

One might argue the Toastmasters slogan "Toastmas-

ters don't say Um" was the most important lesson one could learn.

"Toastmasters has helped ease the interview process," Gretchen Schroeder, 2002 engineering management major, said. "It teaches you to think before you speak and maintain composure, and not to say 'um!'" There were many laughs while stories of the members' first speeches were recalled. The improvement in the amount of 'ums' and 'uhs', pauses, and eye contact were all discussed. The general feeling was that no matter how good a person's speaking skills, they can always improve.

"Anyone can be a great speaker, but Toastmasters really develops that potential," Scott Uder, Toastmaster #4850 president, said. "My level of confidence has been greatly enhanced by continued participation." Not only do speaking skills become improved, meeting people of different backgrounds was also a plus.

"For me Toastmasters has been a good learning experience all the way," Samarth D. Patwadham, engineering management major, said. "It's given me a chance to meet people from diverse cultures and get to know more about them." It was easy to see how much they all loved to talk and have fun.

Toastmasters was started to help students with communication and leadership skills. The meetings helped teach different tactics for speeches, presentations, and speaking in general. It was not only a way of speaking, it was a way of thinking. The group eventually went their separate ways, but it was easy to tell how much they regretted parting. However, this 'family' will get to see each other in another five years when they celebrate their anniversaries again.



Above. Vicki Eller, the first student to serve on the Board of Curators, hands out awards at the Toastmaster banquet. Photo by Matt Allen.

Left. All the Toastmasters dine together before the ceremony begins. Photo by Matt Allen.

IN-LINE ROLLER HOCKEY CLUB

The Hockey Club promotes participation and interest in in-line roller hockey.



"I didn't want to stop playing hockey just because I was in college."

-Kevin Keim
Freshman, Civil Engineering

In-Line Roller Hockey A-team. *Front row:* Richard Difani and Jonathan Murray. *Row two:* Kevin Keim, Jason Durbin, Keenan Miller, Bill Scalise, and TJ Newport. *Back row:* Coach Neil Anderson, Jason Cahill, Paul McLeane, Craig Yavorski, Jay Gillis, Mark Schrewe, and Peter Hong. *Not pictured:* DJ Loberg. Photo submitted by the Roller Hockey Club.



"The team has a strong chemistry which enables us to get along both on and off the rink."

-Richard Difani
Freshman, Electrical Engineering

In-Line Roller Hockey B-team. *Front row:* Joe Grier, Dennis Buchheit, Tony Duehren, Mike Duehren, and John Iffrig. *Back row:* Alex Zivnaska, Jacob Pupillo, Jansson Wurster, Bryan Hill, Steve Kooi, and Paul Scanlan. *Not pictured:* Mike Harms, Dave Antalick, and Tom Qualls. Photo submitted by the Roller Hockey Club.

LACROSSE CLUB

The Lacrosse Club provides an opportunity to experience the sport and learn the history of Lacrosse.



"I like the flexible training schedule and travelling to other Midwest schools."

-Glenn Lloyd
Junior, History/
Political Science

Lacrosse Club. *Front row:* Joe Molinaro, head coach; Brad Smith; Rich Ormsby; Dick Neil; Kurt Schneider; Paul Leonard; Lucas Bauers; Neal Sellers; and Glenn Lloyd. *Back row:* Aaron Velasquez; Brian Epperson; Mike Miles; Greg Rieker, captain; Tim Horstmann, captain; Brian Blaha; Wade Taft; Jason Fouraker; and Tim Sanders. Photo by Rachel Struby.

RUGBY CLUB

The Rugby Club promotes and encourages participation in the game of rugby and provides opportunities for competition.

"I joined Rugby because it's the only way to beat Mizzou."
-Justin Wylam
Senior, Electrical Engineering



Rugby Club. Front row: Mike Guthrie, Justin Wylam, Daren Starol, Phil Bosenquet, Casey Norword, Josh Love, Scott Roach, Dan Aiken, Mike Kueney, Matt Mayes, Pat Keeven, Matt Moseley, Jon Judd, Kyle Kain, and Jevon Miller. Photo submitted by the Rugby Club.

SPELUNKERS CLUB

The Spelunkers Club promotes interest and training in the exploration of caves and caverns.

"I have always had an interest in the great outdoors and caves."
-Conor Watkins
Senior, Geological Engineering



Spelunkers Club. Front row: Matt Goska, Andy Freeman, Graeme Stroker, Jeffrey Crews, Jake Stroupe, and Rusty Jones. Row two: Michael Freeman, Conor Watkins, Heather Levy, and Jim Kaufmann. Back row: Russell Pate, Lyle Hutchens, Rob Kuenzel, and Kenny Sherrill. Photo by David Denney.

Symphony Orchestra



Symphony Orchestra. *Violin I:* Gladys Conaway, Jeremy Dick, Katy Lofton, Michelle Marincel, Randy Mosher, and Linda Nystrom. *Violin II:* Kevin Bollom, Daniel Caponio, Rowena Mosher, Bethany Rodgers, Sarah Rodgers, Jeanne Senne, Jaimin Shin, Heather Stracke, and Erica Westenberg. *Viola:* Jason Banaskavich, Brian Blaha, Matthew Dennis, and Brian Van Vertloo. *Cello:* Nemiah Flippin, Ramin Herati, James Mosher, McKenzie Tischendorf, and John Youngblood. *String Bass:* Andrew DeCarlo and Adam Grelek. *Flute/Piccolo:* Natalie Davidson, Katrina Dickman, and Chris Midha. *Oboe:* Sara Killoren and Erica Schieferdecker. *Bassoon:* Richard Sankovich. *Clarinet:* Regina Bruner and Frank Kern. *French Horn:* Esteban Aparicio, Margie Clark, Roderick Nott, and Paul Treasurer. *Trombone:* Chris Brown, Jeffrey Ross, and Nic Matlage. *Trumpet:* Albert Casey, Joe Fritschen, Curtis Robinson, and LeAnn Splitter. *Percussion:* Courtney Privett. *Conductor:* Dr. Donald Miller. Photo by Ryan Bales.

Jazz Band



Jazz Band. *Alto Saxophone:* Davin Lebovsky, Jason Nolte, and Steven Stegner. *Tenor Saxophone:* Scott Race and Liz Wylie. *Baritone Saxophone:* Christian Mendoza. *Trumpet:* Will Gregg, Aaron Hancock, Matt Lindaman, William Nance, Jason Reck, Curtis Robinson, Jake Self, LeAnn Splitter, and Eric Wiedner. *Trombone:* Matt Battles, John Hansen, Alex Hofstetter, Nic Matlage, Matt O'Dell, Bob Pangrazio, and Brad Roberts. *Bass Trombone:* Travis McKindra. *Guitar:* Tim Assel and Adam Cushman. *Bass:* Andrew DeCarlo and Sandy Sansing. *Piano:* Ryan Underwood. *Drums:* Travis Ducommun and Chris Hendrix. *Conductor:* Dr. Donald Miller. Photo by Ryan Bales.

Symphonic Ensemble



Symphonic Ensemble. *Flute:* Natalie Davidson, Kathy Gallagher, and Lisa Hartman. *Clarinet:* Becky Pohlman and Adam Przybylski. *Saxophone:* Tim Nitz, Liz Wylie, and Jason Detring. *Horn:* Rachel Mudd and Katie Reeves. *Trumpet:* Tara Bryan, Albert Casey, Joe Fritschen, Curtis Robinson, and LeAnn Splitter. *Trombone:* Chris Brown, Jeffrey Gross, and Jason Stadt. *Euphonium:* Michael Kieseewetter. *Tuba:* Alex Hofstetter. *Percussion:* Andy Hutchinson and Courtney Privett. *Conductor:* Dr. Donald Miller. Photo by Julie Portman.

Symphony Band



Symphony Band. *Flute:* Bob Beuhler, Angel Brondel, Rachel Fulk, Linda Keeney, and Sarah Simon. *Clarinet:* Meghan Bohnert, Nicholas Hamilton, and Adam Przybylski. *Bassoon:* Matthew Kreyling. *Saxophone:* Ben Gaither, Tim Nitz, Jason Nolte, Liz Wylie, and Jason Detring. *Horn:* Brent Cookson, Rachel Mudd, Bren Phillips, and Matt Shelton. *Trumpet:* Craig Began, Charles Hayes Jr., Jeff Martin, Mindy Prado, Curtis Robinson, LeAnn Splitter, Zachary Vogel, and Ben Wright. *Trombone:* Justin Braden, Chris Brown, Elliot Engh, Nic Matlage, Timothy Robillard, and Max Tohline. *Euphonium:* Michael Kiesewetter. *Tuba:* Paul Gholson, Alex Hofstetter, and Tommy Mills. *Percussion:* Brett Alford, Andy Hutchinson, Courtney Privett, and Amber Robinson. *Conductor:* Dr. Donald Miller. Photo by Julie Portman.

Pep Band



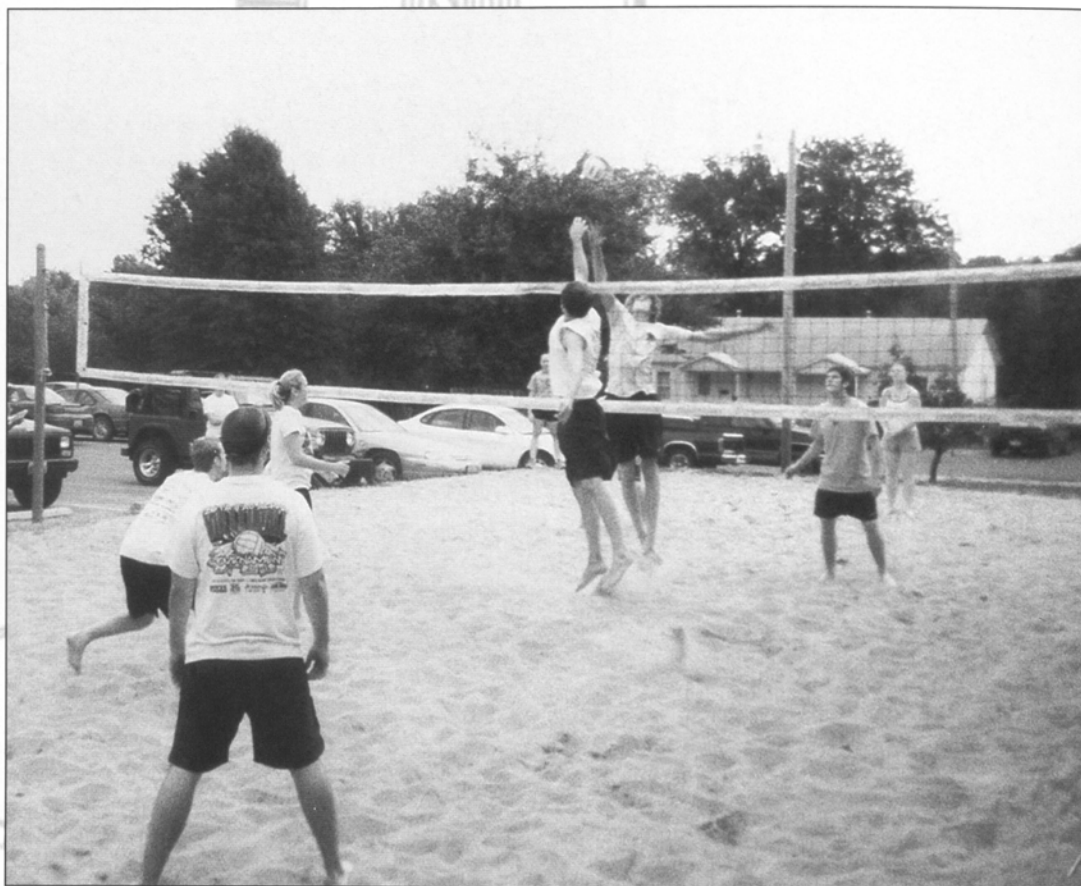
Pep Band. Brett Alford; Robert Becho; Craig Began; Justin Braden; Angel Brondel; Chris Brown; Amanda Collins; Andrew DeCarlo; Jason Detring; Travis Ducommun; Jeffrey Evans; Paul Gholson; Mike Gosnell; Nick Hamilton; Charles Hayes; Alex Hofstetter; Matt Lindaman; Jeff Martin; Nic Matlage; Adrienne Meng; Tommy Mills; Justin Munson; Adam Przybylski; Amber Robinson; Timothy Sarakas; Matt Shelton; Sarah Simon; LeAnn Splitter; Tobyn VanVeghten; Liz Wylie; and Curtis Robinson, director. Photo by Ryan Bales.

University Choir



University Choir. Jeremy Allyn; Benedict Benito; Kate Caudill; Desiree Daehnke; Valerie Day; Chris Doss; Patrick Driemeyer; Betsy Holderby; Jeff Loeffler; Michael Luehrman; Barbara Monroe; Jessie Overstreet; Patrick Prawitz; Erick Richardson; Angie Schachner; Derek Schmitz; Eric Timpson; Erin Young; and Lotie Francis, conductor. Photo by Ryan Bales.

Below. By organizing a volleyball tournament, Zeta Tau Alpha raises money for breast cancer awareness. Photo submitted by ZTA.



SUSTAIN Attain

AS STUDENTS, WE WERE UNITED BY OUR ALMA MATER, BUT WE CAME FROM MANY DIFFERENT BACKGROUNDS. PART OF WHAT MADE OUR COLLEGE EXPERIENCES SO REWARDING WAS THAT WE DIDN'T JUST LEARN AND WORK TOGETHER; WE LIVED TOGETHER AS WELL. ACADEMICS AND ORGANIZATIONS ASIDE, THE INTERACTIONS WITHIN AND AMONG LIVING UNITS WERE WHAT MADE EACH COLLEGE EXPERIENCE UNIQUE. IT WAS THE TIME SPENT OUTSIDE THE CLASSROOM IN WHICH INDIVIDUALITY CAME TO THE SURFACE MOST PROMINENTLY.

IT WAS SAID THAT COLLEGE DAYS WERE THE BEST OF A PERSON'S LIFE, BUT THEY WERE ALSO SOME OF THE MOST TRYING. IT WAS DURING THIS TIME THAT WE DISCOVERED WHAT WE WERE CAPABLE OF ON OUR OWN—AND WITH FRIENDS. WE MADE DECISIONS THAT WOULD AFFECT THE REST OF OUR LIVES, AND WE SOMETIMES QUESTIONED IF WE MADE THE RIGHT ONES.

WE WERE OFTEN TOLD THINGS IN REFERENCE TO “THE REAL WORLD”—HOW CERTAIN THINGS WOULD CHANGE ONCE WE FINISHED COLLEGE. SEVERAL OF US LEARNED TO OVERCOME THAT FALLACY, RECOGNIZING THAT COLLEGE LIFE WAS NOT EXEMPT OR SEPARATE FROM THE REAL WORLD, THAT EVERYONE WAS BOUND BY THE SAME RIGHTS, RESPONSIBILITIES, OBLIGATIONS, AND CONSEQUENCES.

WITH THE FRIENDS, RELATIONSHIPS, KNOWLEDGE, AND CHARACTER WE GAINED AT UMR, WE FORGED ONWARD.

Below. Kappa Alpha parties with alumni for St. Pat's. Photo submitted by KA.



Above. Thomas Jefferson Hall residents Megan Hayes, Elizabeth Lewis, Kymberly Hill, Tara Strait, Suzanne Judd, Stefanie Jaeschke, and Jessica Henson represent 5 North North at Snowball. Photo submitted by SNIN.

Left. Serious about their games, residents of Altman play out in the hall. Photo submitted by Altman.

Student Life

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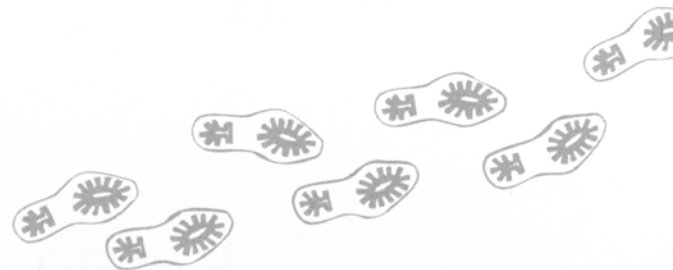
Greek Life 186

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Sure Beats Walking



Above. In its day, this Chevy Nova was surely a classic car. Even though its outside may be quite banged up now, as long as it runs it still beats walking. Photo by Shawn Hill.



Is having a car really necessary in Rolla?

by Sharon Sebastian

To have a car, or not to have a car, that was the question. Perhaps not as deep as the problem that troubled Hamlet so many years ago, but still an important one. New students to UMR might have wondered if they needed a vehicle while in college. To help answer this question, seasoned students offered their advice.

Experienced students said that a car was not essential item, but a major convenience. Having one allowed them to get around town to do whatever they wanted to do whenever they wanted to do it. Since Wal-Mart and food trips were of the utmost importance, waiting on someone to finish their physics lab was just *not* an option.

"It is nice to have the freedom to go somewhere when you want or need to and not have to depend on someone else," Matt Egger, computer engineering major, said.

Some students opted to get away from school for a breather. Whether it was to go home and do laundry or to just get away for the weekend, automobiles provided the only means of escaping Rolla city limits.

"You need to have the ability to leave Rolla for a while when you become sick of it, and you *will* get sick of it," Crystal Harris, computer science major, said

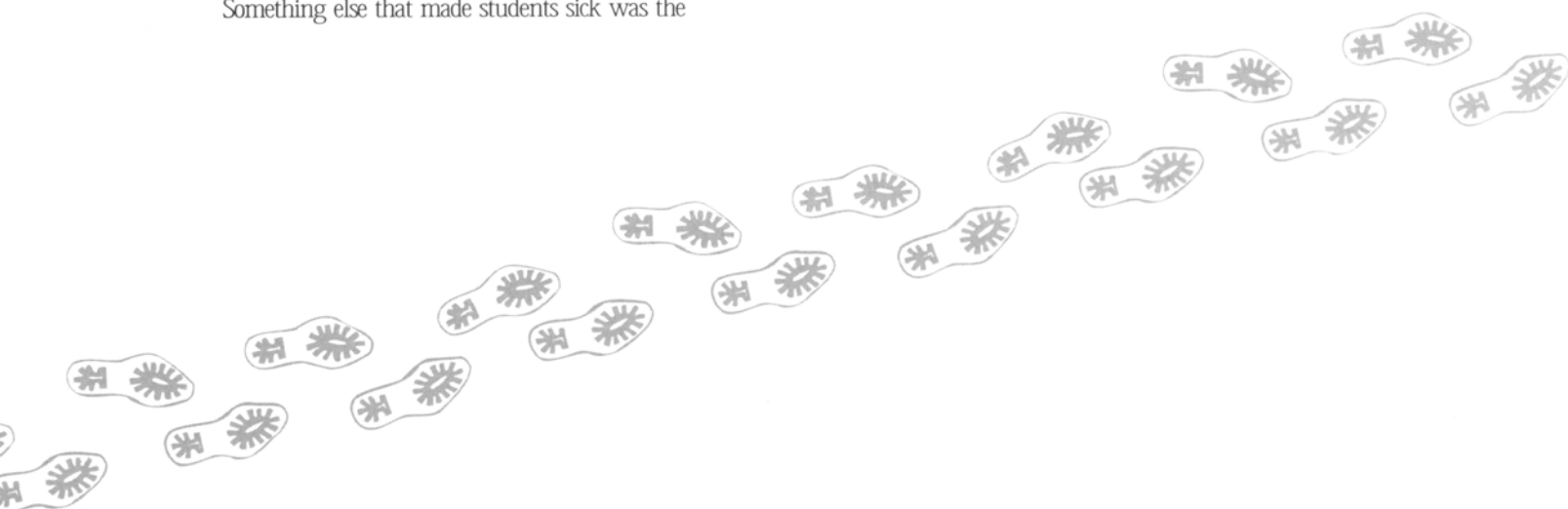
Something else that made students sick was the

local weather; hence another good reason for owning a vehicle. Rain had the uncanny ability to crop up just as students were trekking to the opposite end of campus. Cars helped students stay warm and dry, until they had to walk two blocks in the cold rain anyway because the only parking spaces left were illegal.

"You need to be able to get around town in all kinds of weather," Jennifer Meitz, mathematics major, said.

Parking was the biggest drawback for owning a car. Only a select few were lucky enough to get parking permits, and even then it was a battle to get a space anywhere near the right building. Street-side parking seemed to be the preferred alternative. However, parking on the street often meant walking several blocks to campus and leaving students' cars vulnerable to the hazards of the creative imaginations of children and their sidewalk chalk.

Vehicles played a vital role in the life of an active UMR student. Insurance costs and fluctuating gasoline prices added stress to drivers' lives, and parking was a pain. However, study sessions, weather conditions, food, Wal-Mart runs, trips home, and pure escape all made the headaches seem worthwhile. Besides, since vehicles were only used for the essentials, that beat-up old Chevy might make it until graduate school after all.



In Search of the Money Tree

by Sharon Sebastian

Working was one of those things that just could not be overlooked for the normal student. Food, rent, food, laundry, food, the occasional night out, and food all required a seemingly unattainable substance called money. Since Rolla had a distinct shortage of money trees, most people had to seek employment. Luckily, there were several job opportunities to be found right on campus.

One good way to find out the kinds of jobs available was through the Financial Assistance Office.

"I enjoy helping students find jobs on campus, whether it is with work study or other forms of employment," Ms. Linda Sands of the Financial Assistance Office said.

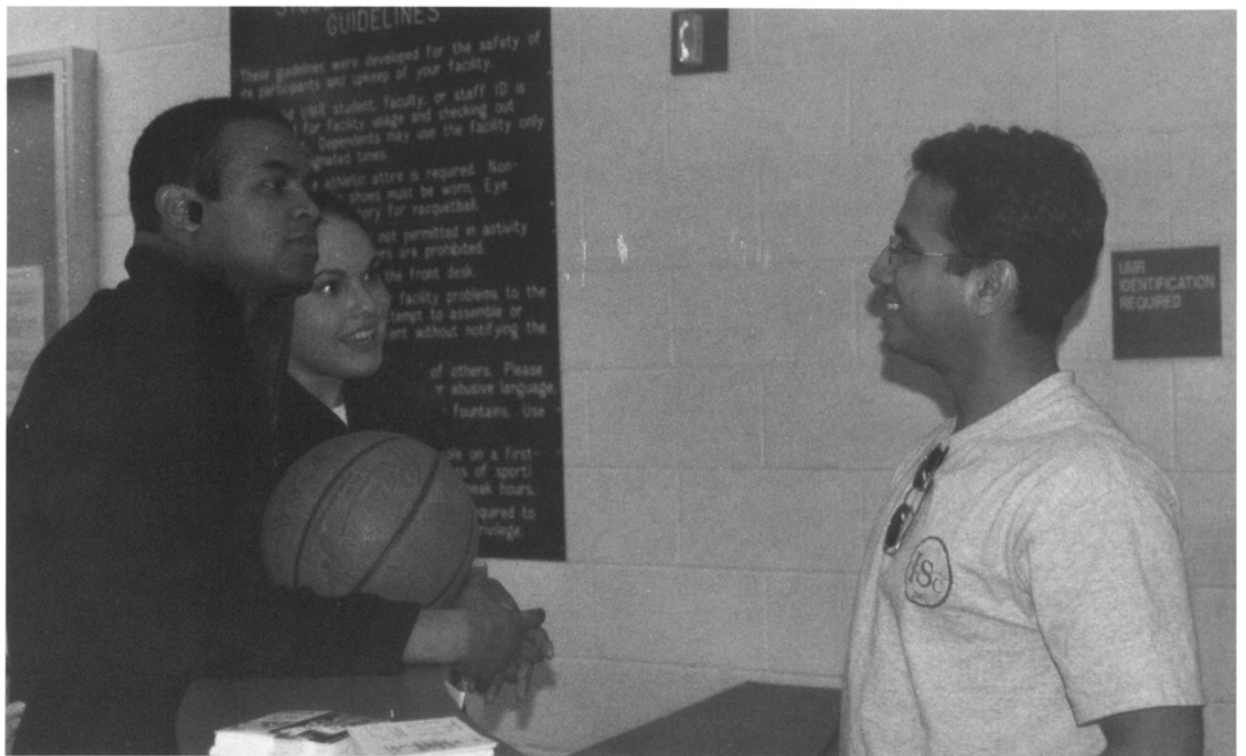
The first step was to have the FAFSA form filled out, since eligibility for the work study program was determined by information from that document. If eligible, students could select a job from a list, and work up to 16 hours a week at \$5.50 per hour.

In case work-study was not an option, there were other places to get a job on campus. Since many departments hired students for assistant positions, students often checked with the departments that pertained to their majors for employment opportunities.

Students who enjoyed talking to people felt at home working for the Admissions Office, which was always looking for students to be ambassadors. Student ambassadors took prospective students and their families on campus tours and told them about life at UMR. Ms. LaKeisha Wheaton was in charge of handling the applications and hiring for admissions positions. "The benefits to working on campus are you can work whenever you have the time—the school is very flexible with your class schedule," Laura Hoppe, engineering management major, said.

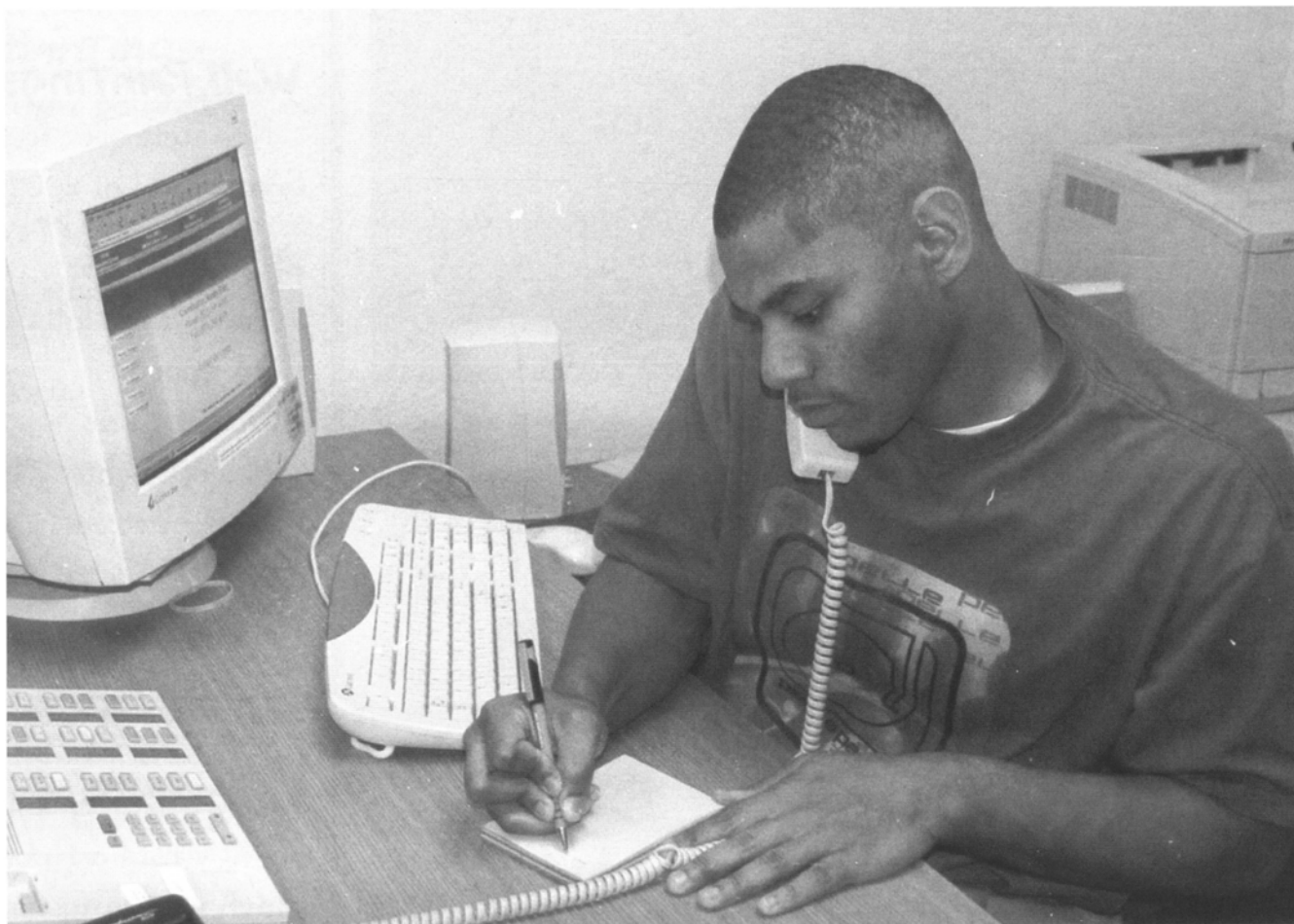
Ms. Kathy Inman took applications for the Phonathon Office, which was a phone support group that raises money for academic departments and campus groups. The job required students to call alumnae and ask them to donate money. It was actually one of the higher-paying jobs on campus.

Other jobs were for students who were more creative. The publicity bug got to students who wanted to write and get a message across. For these adventuresome souls, the Missouri Miner newspaper and the Rollamo yearbook offered employment. "You can be creative and inform the university population of all the news of campus and the world," Shawn Hill, Rollamo section editor, said. Several other on-campus jobs were available, though not all jobs were publicized. No matter which one was chosen, they were all necessary positions, and all led to one important thing: money.

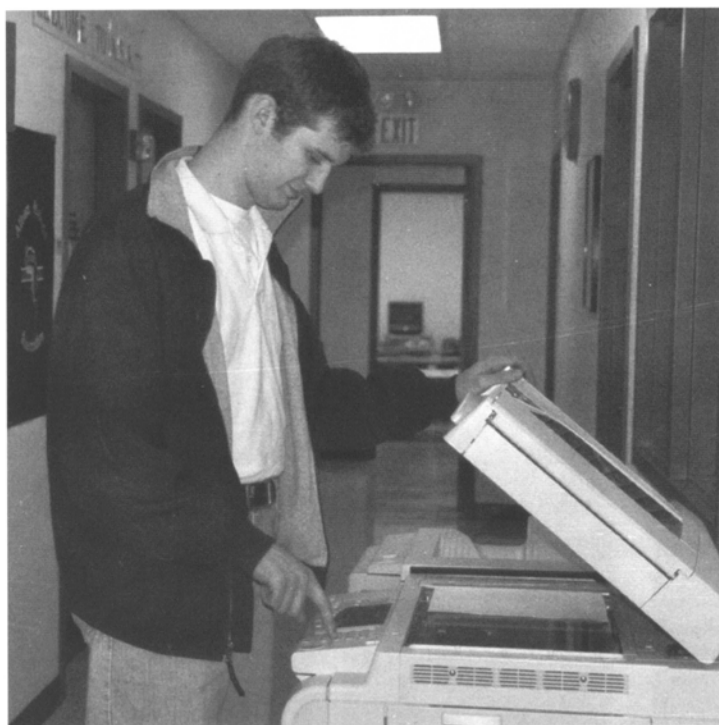


Above. Shirish Sree Dharan checks out a basketball to Gualberto Sanchez and Leonor Valdez. Working at the front desk of the Gale Bullman Multipurpose Center allowed students to improve their personal skills. Photo by LaChelle Prude.

Opportunities to make ends meet



Above. Demarco Davidson takes a telephone message at the Southwestern Bell Multicultural Center. Photo by LaChelle Prude.



Left. Making copies is one task that Daniel Donahue does at his work-study job with the Financial Aid Office. Photo by LaChelle Prude.

2 SOUTH

Residents: 36



Front row: Jason Phillips, Nathan Schremp, Craig Douglas, AJ Rosas, and Alan Humbertson. *Row two:* Tyler Wibbenmeyer, Ed Cory, Lt. governor, Joseph Ricca, RA; Daniel Quick; Brian Sanders; Matt Murphy; Jason Mills; and Charles Buermann. *Back row:* Mike Bradley; Kevin Kelly; Aaron Kellett, governor; Mark Stirnemann; Matt Tinker; Erik Adamek; Jason Searcy; and Michael Christie. *Not pictured:* William Finley, Walter May, Nielson Chapman, Mustafa Kindell, Cory Olson, Jose Nieves, Neal Ross, Aaron Banks, Matthew Davis, Anthony Thompson, Michael Luehrman, James Tibbs, Cornelius Weaver, Mark Davidzuk, Ross Tooker, Joshua Sneller, and Paul Lundy. Photo by David Denney.

Floor Theme:

The Next Generation

Unique Aspect:

2 South was a male floor for the first time.

Wall Paintings:

Rose left over from the 2 South girls of 2002

Activities:

Spook the Halls
IM Sports
Donut Runs
Movie Nights
LAN Parties

3 SOUTH

Residents: 24



Front row: Paul Monroe, Justin Dryer, David Cobb, and Yi-Jen Su. *Row two:* Erik Messner; Tim Houghtaling; Ryan Stott, RA; Michael Fingers; and Terence Hoi Hei Ho. *Back row:* Jeffery Baird-Ellison, Azmath Khan, Paul Thompson, Chris Lambert, and Seth Bradley. *Not pictured:* Wesley Davis; Joel Zihala; Serkan Bukulmez; David Wood; Andrew Lutes, governor; Justin Jesunathan; Benjamin Seiter; Jason Sivilis; Christopher Burke; and Michael Barrett, Lt. governor. Photo by Rachel Struby.

Unique Aspect:

They had a floor song which was sung to the tune of the old Batman television theme song.

Unique Aspect:

Their floor was often called the sweetest smelling floor in TJ. Also, Michelle Joseph was from Malaysia.

Wall Paintings:

Bathroom painted yellow with stars

Activities:

Up 'Til Dawn Fall Date
Auction
IM Sports

Honors:

Alyssia Huntington won 2nd place for TJ with her design for the St. Pat's float

Residents: 20



Front row: Alyssia Huntington, Lt. governor; Erin Miller; Lauren Huchingson; and Leslie Grossenbacher. Row two: Alana Housman; Kristina Armstrong, governor; Meagan Boyd; Parisa Khosraviani; Amber Martin; and Michelle Joseph. Back row: Katie Matthews; Aimee Rea, RA; Gail Lueck; Becky VonAshen; Crystal Thomas; Julie Portman; and Dionna Dunning. Not pictured: Kala Wilcox, Jennifer Seher, and Jacquelyn Stroble. Photo by Ryan Bales.

4S COUNCIL

Unique Aspect:

They were known as the Penthouse.

Wall Paintings:

Robocopp, Total Recall, Under Siege, Terminator

Activities:

Spook the Halls
Penny Wars
IM Sports
Soldier of Fortune games

Residents: 22



Front row: Barrett Counts, Tom Osmack, and Adam Linkous. Row two: Umesh Bansal, Brandon Bundy, Brian Dike, David Garcia, Jeff Martin, and Nathan Tool. Row three: Charles Dunn, RA; AJ Laughlin; Tanguy Holcombe; Brandon Pottenger; Doug Owens; Hussain Alafaireet; and Michael Neier. Row four: Aaron Wulf, Ryan Bales, Rob Fischer, and Keith Hage. Back row: Ben Adkins, governor; Scott Race; David Swanson; and John Ehrhardt. Not pictured: Jacob Pupillo, Yung-Ta Huang, Chun-Hua Liu, Seth Watson, and Danny O'Donnell. Photo by Rachel Struby.

5S COUNCIL

Residents: 35



Front row: Joseph Lingle, Joshua Lorenz, Tim Landstra, Doug Tolbert, and Hiral Patel. *Row two:* Vaughn Sauer, Roland Koenig, Daniel Pope, Stephen Salomon, and Ryan Doherty. *Row three:* Ryan Albarelli, Joao Sosa, Matt Wilkerson, Matt Moser, David Brown, and Zach Pummill. *Back row:* Kevin Zimmerschied, Ryan Parish, governor; Erik Schaller; Nick Metcalf; Vimal Ambat; David Holdener; and Matt Gluesenkamp, RA. *Not pictured:* Mike Deuschle; Ahmed Hameed; Chris Bandre; Josh Ruppert; Chad Lewis; Aaron Carrell; Casey Eckert, Lt. governor; Rick Heinke; Jeff Evans; Bob Bibb; Jay Wheeler; and Mike Meyer. Photo by Julie Portman.

Wall Paintings:

Pink Floyd

Activities:

WarCraft

Halo

Counterstrike

Ultimate

Residents: 20



Front row: Elizabeth Garvin, Jeanne Shipman, Stephanie Fesenmeyer, Tricia Mattson, and Emily Hackworth. *Row two:* Lisa Hartman, RA; Mindy Farmer; Jessica Gray, governor; Jennifer Fitzmaurice; Amanda Farr, Lt. governor; and Kendra Riddle. *Back row:* Carmen Vogt, Bethany Gordon, Nicole Matlage, Sara Nolte, Adrienne Orf, and Jennifer Cook. *Not pictured:* Lauren Etheridge, Christie Erhart, and Kira Bluebaum. Photo by Rachel Struby.

Floor Theme:

9 South Knockouts!

Wall Paintings:

Magnetic poetry

Activities:

Floor Suppers

Miner for a Day

IM Sports

Honors:

Clean Kitchen award

1st in Spook the Halls

1st in Blood Drive

Unique Aspect:

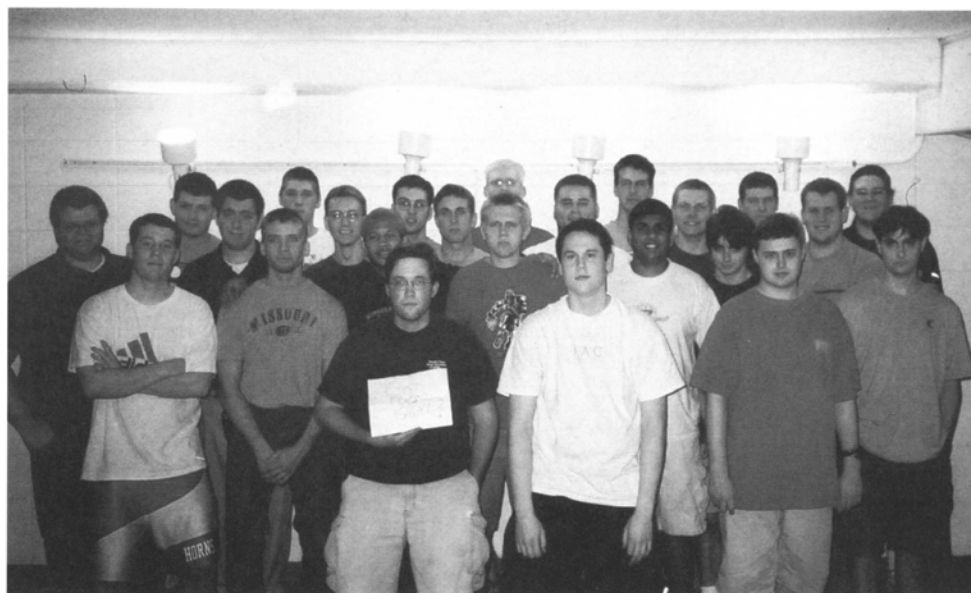
They spent more time in the study lounge than in their rooms, but usually not studying.

Activities:

3rd in Deck the Halls

IM Sports

Canoeing and Camping Trip



Front row: Addison Raine and John Gibbons. *Row two:* Sean Eagan; Michael Fink, Lt. governor; Erick Richardson; Nathan White; Santosh Nachu; Charles Kreinheder; Phillip Glass; Brian Heitmann; and Brien Smith-Martinez. *Row three:* Aaron Buehner; Andrew Frank; Russel Molyneaux; Kyle Benne; John Hoette; and Kyle Dieckmann, RA. *Back row:* Adam Sass, Stephen Bergner, Brandon Petty, Mark Turner, Derek Gaston, Matt Giaraffa, and Charles Huber. *Not pictured:* William Gregory; Joshua Delgado; Daniel Lasco, governor; Timothy Kuehnle; Raymond Myers; Patrick Driemeyer; Ryan Veach; Jacob Schoonober; Zachary Kissane; Caleb Seyer; Michael Schuette; Adam Krazer; and Craig Yavorski. Photo by Julie Portman.

2
NW

3 NN

Unique Aspect:

They were the only floor with a homemade swing on their balcony.

Activities:

Floor Dinner

3 NW

Unique Aspect:

3 North was known as The Stoop.



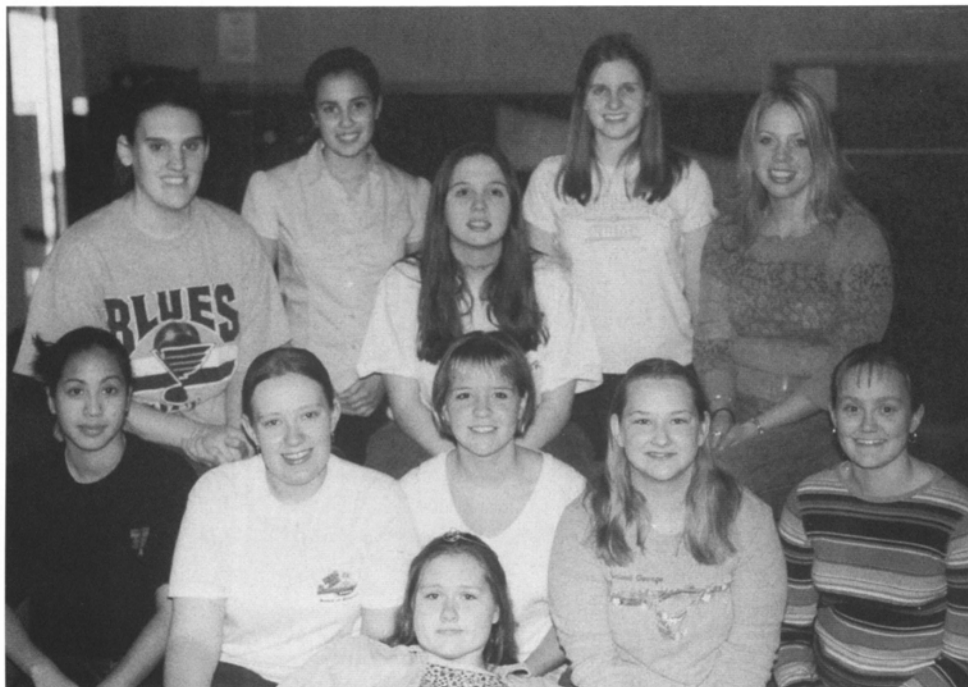
Front row: Micah Burgdorf; Philip Bottrell; Tony Ruesing; Steve Carr; Andrew McEllen; Roger Bullock Jr.; Nathan Averett; Carlo Filippelli, RA 3NN; and Evan Mansker. *Row two:* Matt Wilding; Russell Pate; Chris Venable; Steve Baker; Dan Campbell; Jeff Young; Kevin Baumann; and Leon Gibson. *Back row:* Jeff Daum; Clark Miller; Nick Leland, Lt. governor 3NN; Kelly Stevens; Robert Voss, governor 3NW; Derek Weaver; and Chris Barks, governor 3NN. *Not pictured:* Brett Alford; Kerry Poppa; Robert Spence; David Reed; Samuel Woods; Nathan Kuschel; Agha Sami Tariq; Brian VanVertloo; Anish Toprani; Dhakshitha Bogollagam; Adam Przybylski; Elijah Crawford; Christopher Lloyd; Josh Teal; Benjamin Kuddes; Craig Began; Angel Urchima; Bryan Meyer; Rommel Crasta; Corey Nees; Matt Angle; Will Atkins, RA 3NW; TJ Wingard; Adam Damoude; Andre Davis; Aaron Johnson; Surya Bhattacharyya; Vibhor Kaushik; Jason Holm, Lt. governor 3NW; Robert Schott; Jonathan Williams; Matt House; Ghaffar Glenn; and Jerry Casey. Photo by Rachel Struby.

3
NN
C
R
T
H

Residents: 36

Residents: 29 / 31

Residents: 15



Front row: Patricia Welker. Row two: Leilani Tedtaotao; Stefanie Jaeschke, RA; Elizabeth Lewis, Lt. governor; Megan Hayes; and Kymberly Hill. Back row: Suzanne Judd, governor; Catherine Skrzyniarz; Jessica Henson; Katie Stoltz; and DawnElyn Oursbourn. Not pictured: Tara Strait, Cholticha Abakaz, Laura Warren, and Suzanne Beulen. Photo by Rachel Struby.

Floor Theme:

5NN Heartbreakers

Unique Aspect:

Their brother floors, 10 and 11 South, won the position via a competition including talent, cooking, and serenading contests.

Wall Paintings:

Disney characters, including a Little Mermaid themed bathroom

Activities:

Bowling
Movie Nights
Wal-Mart trips

Residents: 25



Front row: Erin Long, governor; Tiffany Eijenman; Suzanne Bagley; Jina Floyd; Sarah Dunn; Julia Rosemann, RA; Rachel Struby; Sara Hammersland; Tandi Edelman; and Jennifer D'Souza. Back row: Karen D'Souza; Megan Struttman; Becky Pohlman; Tova Becker; Stephanie Maiden; Andrea Muller; Sara Skroh; Amanda Pettit, Lt. governor; and Kellee Henderson. Not pictured: Sherryl Lian, Emily Brackin, Betsy Holderby, Katie Netemeyer, Karlynnita Oredugba, Kandyce Wheeler, Stephanie Schondelmeyer, Mindy Prado, and Lisa Re. Photo by John Erhardt.

Floor Theme:

Phenomenal Women

Unique Aspect:

They decorated the bathroom stalls to make it more homey.

Wall Paintings:

Snow White, St. Louis Blues, Spiderman, The Urge symbol, Winnie the Pooh, flowers

Activities:

Dinner
Provided a place for kids to Trick-Or-Treat at Halloween

Unique Aspect:

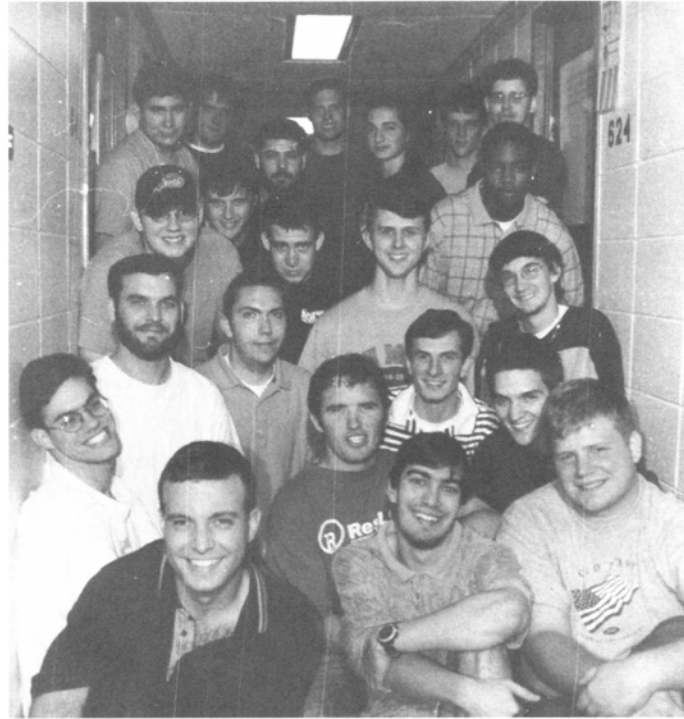
They had several unique traditions such as eating Waffle House out of bacon each semester.

Wall Paintings:

Road Runner, Marvin the Martian

Activities:

Dinner
TJ Haunted House
Death O' Meter for
Valentin's Day



Front row: Jerry Jackson, Andrew Jackson, and Peter Kemp. *Row two:* Tom Fennewald, Jake Stroupe, and David Eppenberger. *Row three:* Nemiah Flippin; Alan Kelsay; David Spinden, RA; Gary Halligan; and Kevin Daut, governor. *Row four:* DeAndre Hill. *Row five:* Mike Hompe, Elijah Montgomery, Han Jobe, and Evan Bigelow. *Row six:* Jonathan Dean and Jeff Myers. *Back row:* Taylor Blome, and Jeffrey Houghton. *Not pictured:* Peter Cross, Wes Day, Paul Runnion, Jesse Collins, Kurt Koch, Tim Assel, Ben Martin, Glenn Hahn, Alfred Schovanez, Steven Boyce, and Jeremy Hagerman. Photo by Erin Long.

7 NW**Unique Aspect:**

They were the first "coed" floor in TJ.

Wall Paintings:

Lots of boyish stuff left over from the previous guys of 7NW



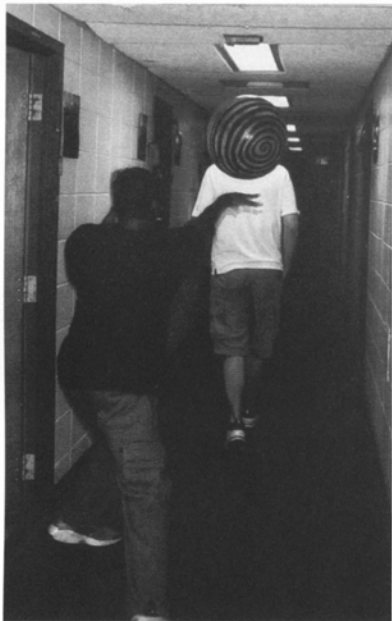
Front row: Lindsay Epstein and Katherine Smith. *Row two:* Kat Vardaro, Lt. governor 7NW; Sara Hurt; Moya O'Berry; Susan Windhorst; Amy Cole; Valerie Day; Sylvia Kueny; Carolyn Nunn; Natalie King; and Meghan Bohnert. *Row three:* Melissa Veit, governor 7NW; Lori Miller; Bethany Voss; Katy Lofton; and Emma Minardi, RA 7NW. *Row four:* Jesse Phillips, Nick Galla, Michael Noll, Nishant Chadha, Isaiah Kellogg, Joe Siebert, Steven Weatherspoon, Jonathan Buhacoff, Aaron Littich, Jason Derring, and Jim West. *Row five:* Tim Nitz, Reuben Mirabal-wehrli, Travis Jennings, Raymond Myers, Mike Borrini, Steve Carrell, Bill Scalise, Levi Terhune, and Ben Gaither. *Back row:* Adam Grelck, Shawn Lynch, Tim Atwell, Brian Blaha, Jim Driscoll, Sam Juengel, Tim Forbis, Elliot Engh, Andrew Langfeld, and Andy Mosley. *Not pictured:* Stacy Warrick; Lori Czmarko; Katherine Downs; and Robert Lowe, RA 7NN. Photo by Roger Terry.

7 NW Residents: 13

Co-ed Living Anyone?

by Tara Bryan

Below. Tyrone Smith and Elliot Engh play one of their favorite games—ball hurling—in the 7 North hallway. Photo by Julie Portman.



As anticipated, fall semester of 2002 marked the appearance of the first co-ed floor on SevenNorth in the Thomas Jefferson Residence Hall. Resident Assistants Bob Lowe and Emma Minardi were in charge of 38 men and 21 women, respectively.

The 'co-ed' floor was not much different from any other floor on campus. Guys lived in one wing while girls lived in the other. The separated wings and bathrooms made it a not-entirely co-ed setting. Except for 24-hour visitation in the commons area, all the same rules applied for 7N as for any floor in any residence hall at UMR.

Although dilemmas such as cohabitation were predicted, Minardi said there had been no serious problems and no complaints from residents. "I thought the guys would be dirty and stink and stuff," Minardi said, "but they don't."

Residents had a few activities they did as a floor. Every Saturday was Spunky's Movie Night, where everyone was welcome to come watch movies in the lounge. Also, everyone's birthday was celebrated with a card and

dessert. On occasion, the gentlemen invited the ladies to go bowling with them on Wednesday nights.

Most of the women agreed that having guys around made the floor amusing to live on. Freshman Katherine Smith said she did not feel as surrounded by estrogen because "the 'guys thing' balances it out." The men also had no complaints about having girls living on the floor.

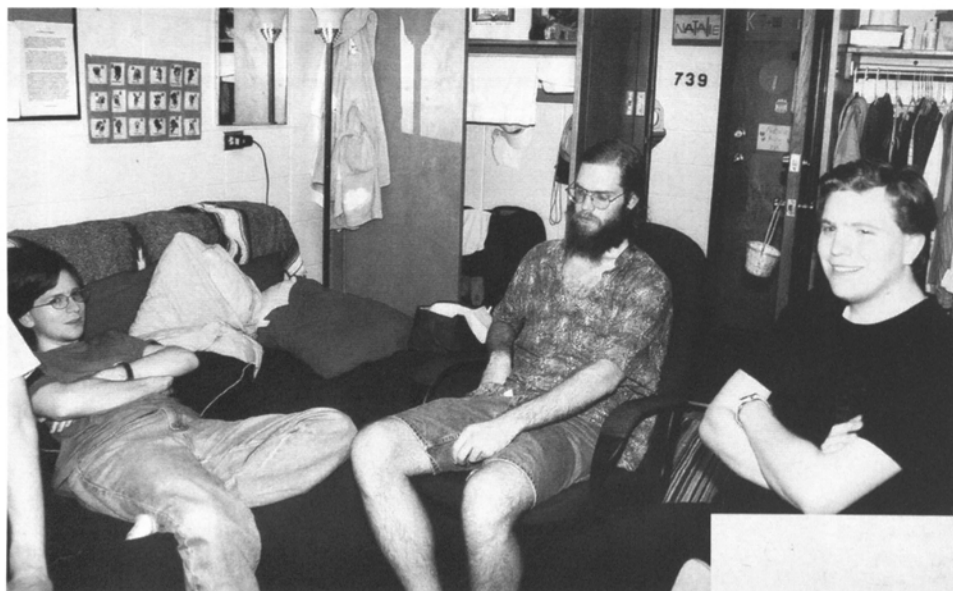
"Girls' floors tend to be a lot quieter and smell better," Travis Jennings said. "But my favorite thing is having girls so nearby. It reminds me there are some girls in Rolla."

Although the residents of 7N seemed to agree that living on a co-ed floor was a good idea, there was some opposition to overcome from parents. "My parents were completely against it," Sophomore Kat Vardarosaid. However, once the details of the 'co-ed' floor were explained, most parents did not have a problem with it.

The other source of opposition had little say once the plan for 7N was approved. Despite the initial complaints from the displaced girls of 2 South and guys of 7 Northwest, students learned to like their new living arrangements.

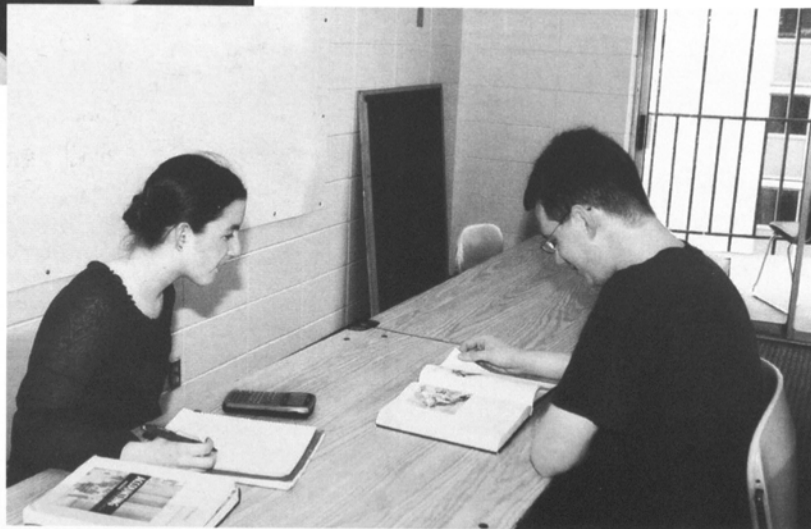
"I was not happy to be kicked off the floor I lived on for three years, but I didn't feel quite as bad after seeing the ugly new green carpet," Senior Jennifer Seher said. "I do like living on 4 South since it is quiet and I have lots of friends."

Ninety-seven percent of students surveyed said they wanted to keep the current setup of 7N, and half of the floor's residents had reapplied to live on 7N as of April 2003. The future of co-ed floors on campus will not be decided any time soon, but Residential Life was willing to consider the possibility of future co-ed floors in the new building, which will be opening in Fall of 2004.



Above. Jeremy Budds, Brian Blaha, and Cameron Johnson prepare to watch X-Men. Residents from 7N as well as other TJ floors came to the last Spunky's Movie Night of the semester to relax during dead week. Photo by Julie Portman.

Right. Melissa Veit, Information Science and Technology, and Matt Forbis, Electrical Engineering, gather in the 7N Study Lounge to prepare for their upcoming exams. Photo by Julie Portman.



Residential Assistant Assistants



Front row: Abbie Stewart, Mac 1 and Joy Stein, Kelly C. *Row two:* Kim Kimberley, resident director; Liz Kalbac, head RA; Ashley Miller, Mac 2; Shawna Mantia, Altman 5; Chris Bollinger, Holtman 7; and Bronson Eick, Farrar. *Back row:* Isaac Eckert, Kelly A; Emmanuel Foyere, Holtman 8; Patrick Bresnahan, Kelly D; Amanda Weingartner, Altman 6; and Michael Niebling, Kelly B. Photo submitted by the Quad.

Quadrangle
Complex



Front row: Julia Rosemann, 5NW; Aimee Rea, 4S; Stefanie Jaeschke, 5NN; Emma Minardi, 7NN; Lisa Hartman, 9S; and Evie Younger, resident director. *Row two:* Will Atkins, 3NW; Kainan Cha, 7S; Jeremy Greenwood, 1N; Bryan Speck, 4NW; Carlo Filippelli, 3NN; and Sandeep Pedam, 6S. *Row three:* Ryan Meuth, 6NW; Joseph Ricca, 2S; Bob Lowe, 7NW; Dan Bailey, head RA; Brian Gosling, 4NN; and Matt Gluesenkamp, 8S. *Back row:* Mark Lang, 2NN; David Spinden, 6NN; Ryan Stott, 3S; Phillip Ross, 1IS; Charles Dunn, 5S; and Kyle Dieckmann, 2NW. Photo submitted by TJ Hall.

Jeffersons
Thomas

Ed Brewer:

Doing it

by Tanisha Neal

Many students ate at the cafeteria in University Center East at least once. It was likely they found Ed Brewer there, working as a server in the Market Carvery line. He was known for his kind nature—asking not only what a person would like to eat, but also how their day had gone. However, there was much more to Mr. Brewer than au gratin potatoes and Dutch apple pie.

Ed Brewer, originally from Joplin, Missouri, started his college career in music education at the age of sixteen. Most people acquired one minor in their lifetime, but Mr. Brewer had three: trumpet, voice, and piano performance. It was almost surprising that he was not a hit performer at lunchtime. Although those accomplishments seemed impressive to most people, they were not enough for Brewer. He simply set out to discover what really defined him, but his search was not over yet.

Brewer entered Crowder College in Neosho, Missouri, where he earned an Associate's Degree in Aerospace Engineering. There could be no doubt that he welcomed diversity in learning. After Crowder College, Brewer came to UMR with his wife and three kids. Why? Anyone's first guess would be that he wanted to continue his studies in engineering, but not so. Mr. Brewer sought a Bachelor's of Science in History during his five years here. He planned to graduate in May 2003.

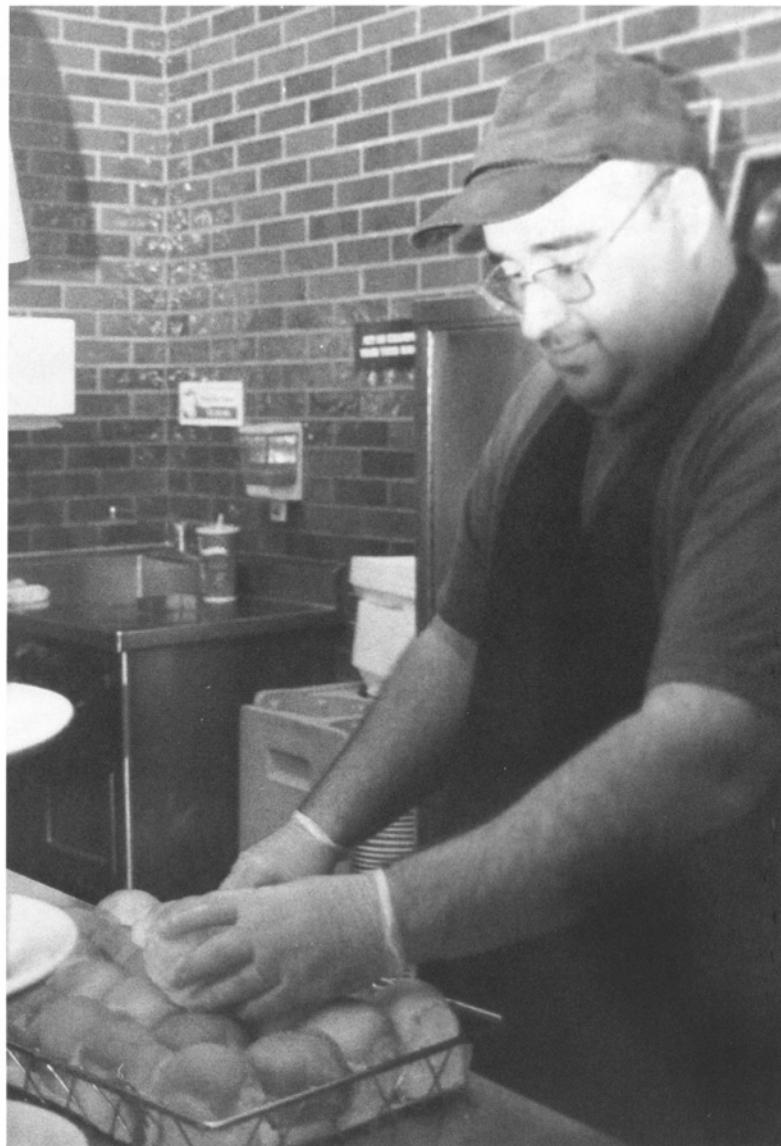
Ed Brewer worked an average of twenty-five hours per week during his time at UMR. He also managed afternoon and evening classes, never taking fewer than fifteen credit hours a semester. This would seem like a big wheel to keep turning to most students, but for Brewer it was a way of life.

"I have had to work all of my life; I am used to it. If one day I did not have to anymore, I would feel lost," Brewer said.

Ed Brewer's work and continued education demanded a great deal of time, but at the end of the day he went home to his family as an excellent role model. His wife, Tammy, tended to let Ed take the center stage, but her presence as the mother and wife of a busy man was always important nonetheless. "I am more of a behind the scenes type of wife," Mrs. Brewer said.

While at UMR, Mr. Brewer was a music ministry activist at the Assembly of God church. In addition, he has set examples by earning the honor of 1st chair trumpet at Missouri Southern College and by performing national solos at Disney World and in Memphis, Tennessee. His future plans were to teach high school, receive his Masters and Doctorate degrees in Religious History, and then go on to teach at seminary school.

"You have to do what makes you happy," Brewer said. "Do not become trapped in a job that you dislike. At the end of the day it takes courage to admit that you are in the wrong major and step out into a whole new world to find your strength. Life is too short to be involved in a work without passion."

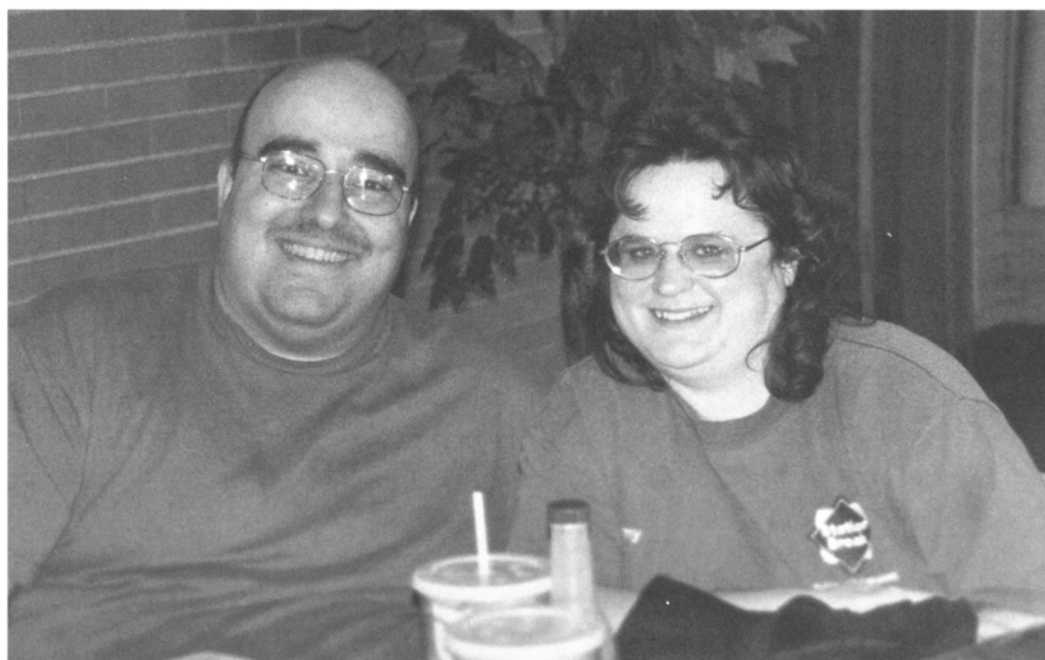


Above. One of Brewer's daily responsibilities is to set the rolls out before the lunch period begins. As the food items are taken by customers, Ed must balance serving with restocking the food. Photo by LaChelle Prude.

the First Time Around



Above. Brewer serves Dionna Dunning in the Market Carvery line. Many students and faculty were greeted by Brewer's smile there everyday as they entered the UCE Cafeteria for lunch. His cheerful question, "Hi, how are you doing?" was always welcoming to the cafeteria's customers. Photo by LaChelle Prude.



Left. Ed Brewer and his wife, Tammy, pose for a family picture after Ed's shift has ended. The couple uses this time to eat and enjoy each other's company. Photo by LaChelle Prude.

The Family Life

by Tara Bryan and Julie Portman

Juggling school, work, husband, and children is quite a chore for anyone. However, despite the hectic lifestyle, there's plenty of fun to be had for non-traditional students. Rachel and Monika are just two people who wanted to get all they could out of their experiences at UMR.

Rachel Morris Education major

Rachel was about 30 years old when she decided to go back to school. She had to balance school with forty hours of work per week while taking care of her children, who were three and five years old. She and her husband made a deal to wait until they were done with school before having kids, so the decision for her to go back to college was a hard one. She loved her work as a computer programmer at UMR in Parker Hall, but felt she needed a change in career.

"I just don't see myself at 50 crawling under desks," said Rachel.

The Morris's were glad they waited to have their kids until after getting out of school.

"It does make a BIG difference," said Rachel.

The five year old understood about her going to school, and they sometimes did homework together. Normally though, Rachel waited until her kids were in bed to study.

"My kids are my life—it's very important I spend the time with them.

Your kids are only young once," said Rachel.

Monika Crittenden Middle School Education major

Monika was about 35 when she chose to study at UMR. While taking twelve credit hours, she worked full-time and spent as much time as possible with her son Sonny, 16, and daughter LaToya, 9. Having children made it very hard for Monika to go back to school, but it has been the right decision.

"[When they were first born] I didn't work so the kids had no disadvantage. School for me was a break from the kids," said Monika.

However, it can be a challenge to keep from missing important events, like her daughter's cheerleading demonstration, and yet still find time to study.

"Studying, what is that? Seriously, I have to get up earlier, study when the kids watch TV, stay up late," said Monika.

On occasion, all the work just had to be put off temporarily so important relationships did not suffer.

Sometimes it's cool and sometimes [the kids] don't appreciate me "not having any time ever" for them. Then I know I have to do something fun," said Monika.

Both ladies agreed it is harder to find that quality time, but when everyone understands the situation and cooperates, it can be found. They found much of the work could be done while children were sleeping. Also husbands and television were a big help.

"Sometimes my daughter is by herself for an hour or two, but she knows all "important" TV channels like the Cartoon Network and the Disney Channel," said Monika. Overall, the main difference these ladies had from the traditional student was a difference set of priorities.

"My priorities are different. My kids come first, then my husband and classes," said Monika.

Helping Campus Strays

by Julie Portman

Everyone has seen a stray cat darting around campus sometime during their experience at UMR. College campuses tend to attract these strays; cats prefer the relative calmness of campus to the busy town street and neighborhoods. UMR employees have noticed these abandoned cats and fed them from time to time, but the cats were too wild for adoption. The cats on campus were trapped and euthanized periodically, but more cats would always come claim the newly unoccupied territory. A better solution for taking care of the strays needed to be found.

"It is not a choice between cats or not cats on campus, Mary Aycock, university library employee, said. "More cats will appear in place of the ones who are killed as long as irresponsible owners abandon their cats or don't spay and neuter them."

Three Curtis Laws Wilson Library employees decided to implement a method of controlling the cat population on campus. Georgia Hall, Minnie Breuer, and Mary Aycock obtained permission from the university and founded the Cat Safety Network. Their purpose was to catch the stray cats on campus, neuter them, return them

"Last spring there was a small family of cats living near the library. I didn't find out about them until one got its head caught in a jar. I didn't realize at first that it was wild, but the little thing was unapproachable. Some of us tried for two days to catch it without success. I finally went for a humane trap, but when I set it, I found the jar in some bushes. Since I already had food with me to bait the trap, I went ahead and put it out for the hungry kitten. That was the beginning of me feeding the cats. It took awhile longer to get to the idea of trapping and neutering them and releasing them back. I wasn't sure it would be legal, but the animal control officer assured me it was not only legal but was a great idea. I borrowed a live trap and started my trapping career."

Georgia Hall, Library Assistant

The veterinary operations do require funding. Since the Cat Safety Network was run entirely by about fifteen volunteers, the only source of income came from donations. Several generous people donated money, including some sympathetic non-members. For those who preferred not to hand over cash, the Cat Safety Network collected can and clothing donations. The Ragsdell Recycling Center and Frieda's Closet allowed people to credit their can and clothing donations to the Cat Safety Network account.

I was concerned about the number of abandoned/feral cats on our campus and a program that would trap, test, neuter, vaccinate and release is the only program that makes sense. It stops the reproductive explosion in the feral cat population, helps the cats stay healthy, and does all that for very little cost. I'm really pleased to be a member of the group", Carol Ann Smith, professor of philosophy, said.

The Cat Safety Network does not have an official office. Most decisions were taken care of via an e-mail list serve or an occasional meeting in a library conference room. The group was successful in their endeavors. Nine cats had been trapped as of April 2003, one of which was young enough to be tamed and was therefore adopted.

"I like knowing the cats are fed and healthy and living the only lives they know how to live," Hall said.

to where they were originally found, and finally to continue feed them at specified locations. This program is called TTVARM (trap, test, vaccinate, alter, return, and maintain) and was modeled after a TNR (trap, neuter, and return) program at the University of Texas.

"Through TNR, we will have a healthy, small population who will defend their territory, discouraging new cats from moving on campus," Aycock said. "This is a compassionate way to help campus cats, and it is likely that these cats aid in rodent control around campus. It is a win-win situation for both the cats and the University."

After trapping, the cats were tested for common diseases, such as feline leukemia and AIDS, then vaccinated and neutered at the Rolla Animal Hospital. The cats were also ear-tipped, a painless procedure that allowed the cats to be easily spotted after they were released. The cats were then fed at certain times and places. The cats are fed solely dry food, which has no disagreeable odors that could offend someone. The entire process was designed to be humane and as painless as possible for both cats and people.

"I believe we have made a positive difference in the lives of these little creatures," Georgia Hall, Library Assistant, said. "We've also managed to stop the population growth which would inevitably have led to problems for the University and for the cats."



Above. This is Spooky, a female cat that was caught on October 31. She was spayed, vaccinated, and ear-tipped before being released. Photo submitted by the Cat Safety Network.

Left. This is just one of the many black cats wandering around campus. Photo by Brad Swaters.

Residents: 28



Front row: Shawna Mantia, RA; Amanda Chasteen; and Claire Cardwell. *Row two:* Josh Preusser, Heather Moe, Alicia Steinhour, Sara Whitbeck, Adam Truska, and Janet Ragon. *Row three:* Josh Jacob, Dave Steck, Andrew Leslie, Kim Stratton, Elizabeth Mecker, and John Iffrig. *Back row:* Will Biermann, Lt. governor; Sean Tracy; Daniel Wheaton, Lt. governor; Tim Brigham; Dan Kalaf; Josh Wilkerson; and Richard Talbert. *Not pictured:* Brian Mitchell, Alex Decker, Geoffrey Reddy, Max Metzger, Jason Daniels, and DJ Prior, governor. Photo by David Denney.

Unique Aspect:

They had a kitchen.

Wall Paintings:

Bodies, Matrix

Activities:

Girls Night Out

Deck the Halls

Homecoming

Bimonthly Birthday

Parties for Residents

Honors:

1st in Spook the Halls

Residents: 27



Front row: Jim Fu, John Keeven, Derek Wong, Adam Kresler, and Ashley Salinger. *Row two:* Michael Catalano; Sebastian Lindquist; Keith Norton; Jake Self; Amanda Weingartner, RA; Kerri Blight, Lt. governor; and Derek Mease. *Back row:* Angela Agee. *Not pictured:* Matthew Zykan; Josh McNiff; Dan Purcell; Joshua Stoll; Bryce Thomas; David Coit; James Coit; Christopher Bales; Zach Meinhardt; Steven Ziegler; William Li; Amie Fugiel; Kimberly Bieser; and Genevieve Wise, governor. Photo by Julie Portman.

Unique Aspect:

They were known as the Altman Ninjaneers.

Wall Paintings:

SpongeBob SquarePants

Activities:

Spook the Halls

Deck the Halls

Unique Aspect:

They were the only 21-and-over house.



Front row: Sal Rossenburg, Tiffany Lindsay, Lisa Walter, William Wood, and Andrew Duba. *Back row:* Dax Cogdill, Luke Small, Chris Bollinger, RA; Philip Alt, and Aaron Taylor. *Not pictured:* Jacob Truemper; Ernesto Rodriguez; Dee Collins; Melissa Berry; Lindsey Neuhardt; Andrea Hashbarger; Julie Oldham; Jason Rouse; James Nelson; Joseph Orlet; Michael Miller, governor; David Marshall; Justin Bechtel; Bryan Kemper; Anthony Buccellato; Haney El Gizawy; James Dean; Jesse Grisham; and Gary Harris. Photo by Julie Portman.

Holtzman 7

Floor Theme:

All your base are belong to us!

Unique Aspect:

They had the best clubroom in the Quad, including a large kitchen.

Activities:

Game tournaments
Fashion Shows
Breakdance Lessons
Dinners and Movies
Tennis Tournament



Front row: Noah Parsons; Emmanuel Foyere, RA; and Kyle Dothage. *Row two:* David Triplett, Bryan Scott Anderson, Christopher Osterwise, Joshua Gentry, and John Mabry. *Back row:* Daimon Heller; Paul Hoglebe; Steven Stegner; Zachary Miller, governor; Albert Kurt; and Joshua Carey. *Not pictured:* John Romito; Nathan Thomas; Richard Clemon; Timothy Palmer; Eric Wright; Andrew Duffe; Nicholas Thorp; Mehmet Gurguc; Lawrence Ipock; Scott Murphy; Jauguin Holmes, Lt. governor; Christopher Ploesser; Benjamin Stauffer; Nathaniel Hobbs; David Heath; and Jason Meredith. Photo by Julie Portman.

Holtzman 8

Residents: 29



Front row: Nathan Hutchison, Matthew Kreyling, James Nimmo, Patrick Turley, Matthew Voss, and Jacob Miklovic. Back row: Chad Sommer, Shannon Conner, Jason Pratt, Trevor Jessee, Matt Voss, Mike Niebling, RA, and Ryan Lowe. Not pictured: Uyen Tran; Robert Miller, Jr.; Yi Xu Chen; Jordan Haug; David Meyers, It. governor; Adam Lavallee; Jamel Sims; John Cheek, governor; Ryan Kinney; Leslee Roderick; Jason Fouraker; Travis Dierks; Eric Perry; Matthew Williams; Joshua Shaw; and Josh Boyce. Photo by Julie Portman.

Unique Aspect:

They had the Kelly B Posse, about 15 residents who ate lunch and dinner together daily.

Wall Paintings:

Punk, ska, and rock bands

Activities:

IM Sports

Honors:

Won Quad Spirit Points competition, November Community of the Month

Residents: 37



Front row: Linda Keeney; Janelly Griffith; Joy Stein, RA; and Jamie Webb. Row two: Leslie Mattingly; Catherine Bleish; Sarah Kelly, It. governor; Brandie Amsden; Kerrie Weinkein; and LaShanta Teaberry. Row three: Terri Barnes, Holly Dameron, Kayla Buchholz, Natalie Davidson, and Karmen Proffitt. Back row: Kiley Aasby, governor; Mary Shafer; Kathryn Sandefur; Jenni Carroll; and Dixie Schimming. Not pictured: Vaishalee Naruka; Trineea Turner; Leah Maunus; Amy Krauch; Sarah Newman; Renee Roberts; Abby Pittroff; Heather Maggard; Holly Schultz; Jolene Silovsky; Alicia Canelos; Kelly Gossett; Birute Paulauskaite; Keri Hessel; Cassidy Volek; Rachael Gliotoni; Nicole Golden; Alex Bond; and Jamie Bond. Photo by David Denney.

Unique Aspect:

They have an active floor with many residents participating in varsity sports, band, governing, and other organizations.

Wall Paintings:

Cartoon characters

Activities:

Ice Cream Socials
Deck the Halls
Spook the Halls
Painting

Unique Aspect:

They have a new lounge area with a pool table and big-screen television.

Wall Paintings:

Sea mural, stone wall



Front row: Alexis Takir; Cecilia Fernandez; Abbie Stewart, RA; and Rachel Fulk. *Back row:* Richard Arnold, Dave Bryant, Steve Ahllen, Bradley Boblit, and David Heeszal. *Not pictured:* Kristen McFarland; Kacey Morris; Elizabeth Welch, governor; Lisa Warner; Leslie Olson; Karen Schindler; Frances Pratt; Everett Klapperich; Dennis Boone; Robert Rosenthal; Matthew Oberneufemann; Chris Crowell, Lt. governor; Wyatt Davenport; Jeffery Leng; Garrett Reed; Anthony Gunsaulis; John Cochran; Pablo Marquez; Lane Martinez; Daniel Riley; Anthony Jones; Eric Charles; Tyson Smith; Philip Waggoner; Patrick Prawitz; and Michael Brower. Photo by Julie Portman.

McAnerney 1

Unique Aspect:

They have a new study lounge with computers and a new lounge with a TV and pool table.

Wall Paintings:

Squirrel

Activities:

Dinner
Volleyball
Pool



Front row: Tanner Woodman, Justin Gorson, Andy Lozier, Matt Adams, and Tim Erickson. *Row two:* Ashley Miller, RA; Joe Wilson; Robert Cerder; Justyn Albert; Sabrina Jones; Madeleine Philpot; Jerad Cramp; Amy Tucker; Matt Ryan; and Keith Schaefer. *Back row:* Michael Jenkins; Ted Dunkmann; Kyle Lampe; Kris Atkins, governor; Ryan Belz; Hugh Bernhardt, Lt. governor; Peris Carr; and Shawn Balek. *Not pictured:* Beth Faughn, Christina Czapl, Amber Christy, Tanisha Neal, Dichelle Taegel, Adam Redecker, Aaron Groff, Hermon Teckle, Tesfom Berhe, Matt Hays, Ryan Riess, Jonathan Licklider, Stanley Brooks, Aaron Reno. Photo by David Denney.

McAnerney 2

Balancing Benefits

by Karen D'souza

Students preferred living off campus because it permitted them a certain degree of freedom. However, there were number of circumstances to tackle that were unique to residing off campus. Many students were liable to alter their perspective after a few weeks of living off campus, perhaps due to over crowding, conflicts with fellow companions, having to provide their own services, or even pest problems. Location also played a significant role in determining where to live. Students preferred housing locations that were within walking distance of their respective departments.

"From this house, we can walk to class, and we can easily stumble back from the Grotto," Aaron Loehr, a 12th street resident, said.

Noise from neighbors and nearby fraternity parties was an annoyance for apartment renters. There were bills to be paid and food to be cooked. There were maintenance difficulties with such things as piping and lighting systems. Also, finding a way to laundry was an issue. Several students had to walk a mile, sometimes two, just to do their laundry.

"Running a marathon to do laundry really was a hassle," said Akshay Morzaria. "There's got to be a better option."

Some students firmly concluded that residing in the residential halls was mandatory. The benefits of regular cleaning services, quiet hours, easy access to laundry rooms, and everyday interaction with their peers simply outweighed the advantages of living off campus. The provided services enabled students to focus on their academic performance, and not on domestic inconveniences like dishwashing and cooking.

"I don't have time to cook my own food, and I really like having people around," Tara Strait, a resident of Thomas Jefferson Hall, said.

However, renting was extremely beneficial for those who valued their privacy and wanted to make their own rules to follow. The scrupulous saver enjoyed the fact that expenses were a great deal lower than the typical dorm fees. Plus, living off campus allowed people a touch of worldly attributes, giving them a taste of life after university.

"I enjoy being able to own my own stuff and decorate my own place," Sharon Sebastian said. "After having lived in an apartment, I could never live in a dorm."

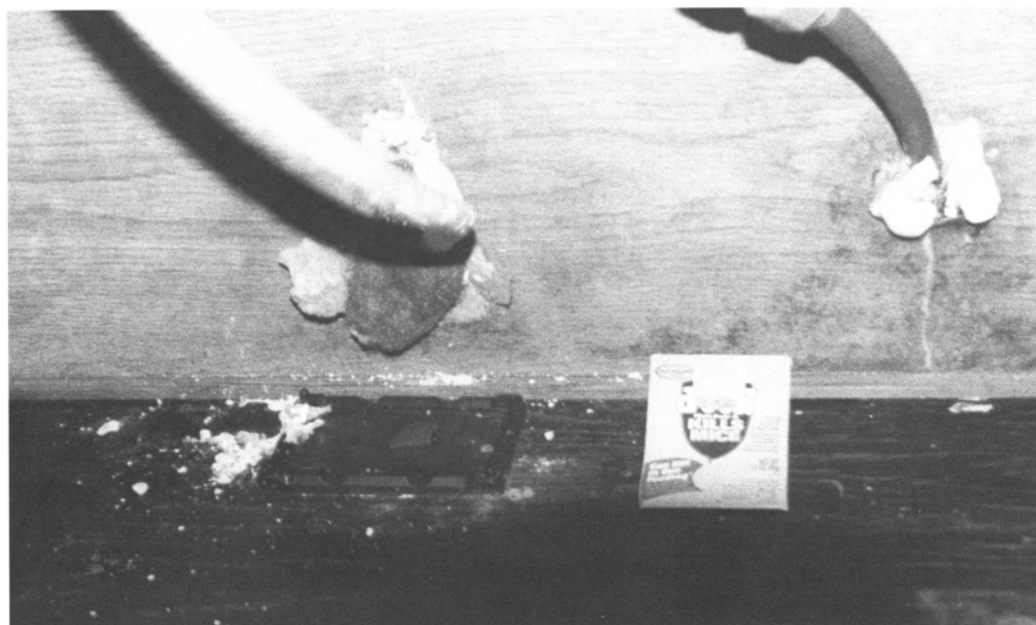


Above. Sharon Sebastian washes a few dishes in her apartment, a chore she doesn't mind since those dishes are hers. Photo by Julie Portman.

Right. Michael Toecker works on homework with Molly Albertson, while his roommate, Corey Chapman, watches TV on the couch. They enjoy the privilege to consume alcoholic beverages while studying, which is not allowed in most UMR residential halls. Photo by Brad Swaters.



Is the freedom of living off-campus worth the extra responsibility?



Left. Brad Swaters had to deal with mice and leaky pipes in his apartment. Photo by Brad Swaters.

Below. Aaron Loehr and Tonya Sonsteng sit in their front yard with their dog, something they would be unable to do if they lived on campus. Photo by Julie Portman.



Think Greek

by Tanisha Neal

Many students were content to abstain from participating in school organizations. However, social interaction was necessary for a healthy life. UMR was home to several sororities and fraternities that provided all kinds of opportunities for the individual, including a strong network for the future. Many of those who wore Greek letters could not imagine their lives without the experiences they acquired through Greek life.

"Being Greek means having the opportunity to represent your organization's high standards and ideas while positively impacting the community," Chris Riney, of Alpha Phi Alpha Fraternity Inc., said.

Rolla's male to female ratio often made girls feel outnumbered. As the minority, sorority women found it comforting to be able to support each other; sororities offered the perfect venue for that support.

"I could not live without this sisterhood," Rachel Gliottoni, freshman of Chi Omega, said. "We are on a campus where the majority population is male, but I have a group of nothing but girls to come home to. That makes me smile."

During the college experience, students began to find themselves.

The big decisions made at UMR were a part of this process. Many students found that Greek life required more responsibility, but also provided more support through the journey.

"[Being Greek] means accepting responsibility to be the best that you can be all day, every day. Also, it means being a role model for others," Christopher Campbell of Alpha Phi Alpha Fraternity Inc. said.

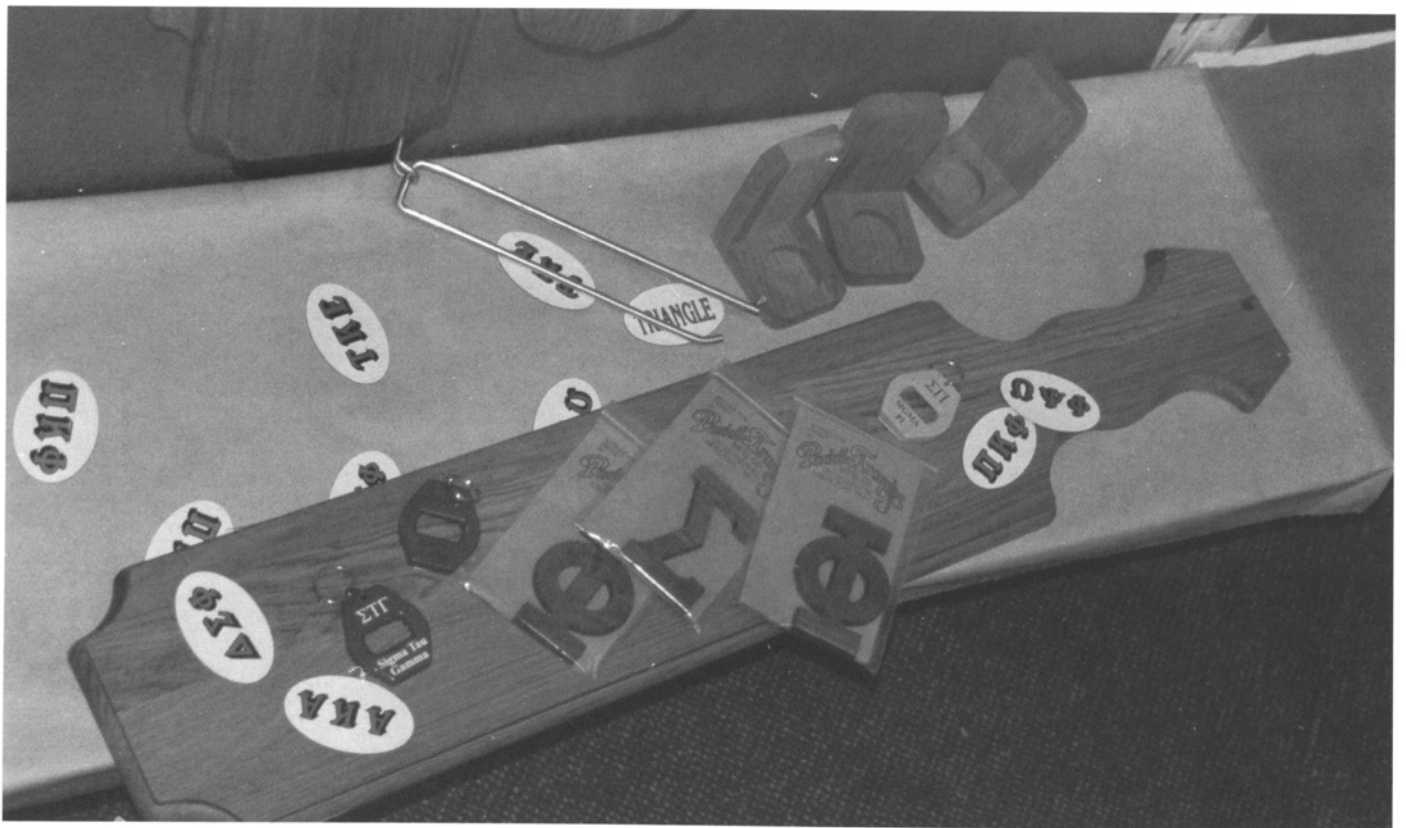
Sororities and fraternities gave students a code to live by. For example, Delta Sigma Theta stood for 'sisterhood, service, and scholarship.'

"I am proud to stand by our motto, 'Intelligence is the torch of wisdom,'" Veronica Mays of Delta Sigma Theta said.

As a part of Tau Beta Sigma, a Greek service organization, Robert Becho helped make the 75th anniversary of the UMR band unforgettable.

"Nothing beats co-ed sorority events. We receive the best of both worlds," said Becho.

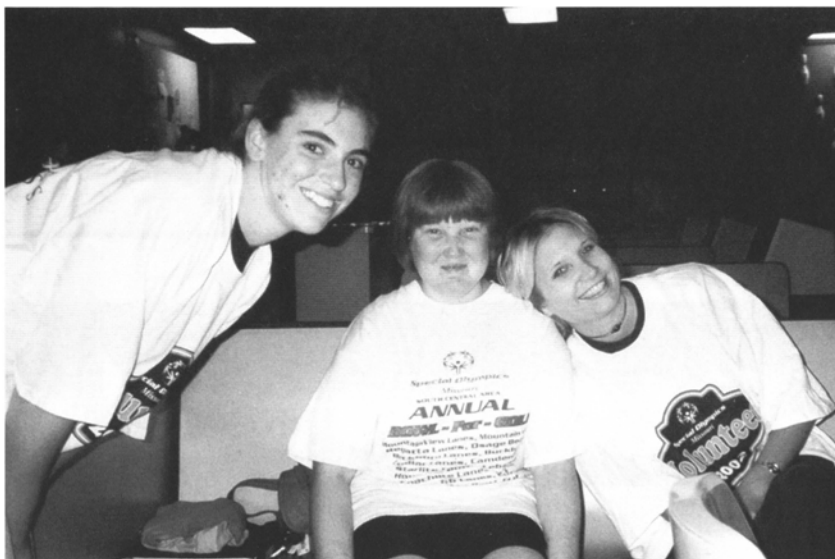
Belonging to a Greek organization was a remarkable card to play in the game of life for many Greek students. Total support, a sense of belonging, and a network of people were available to these students, as well as plenty of laughter and a plain old good time.



Above. Greek paraphernalia is prevalent in the university bookstore. Photo by LaChelle Prude.



Above. Kappa Alpha gets ready for the brotherhood paintball tournament. Photo submitted by KA.



Left. Alison Ibendahl and Brandy Lane volunteer at the Special Olympics. Gamma Beta Sigma helps out with this event every year. Photo submitted by GBS.

Below. Zeta Tau Alpha struggles in tug of war during Greek Week. These ladies dug their feet in the sand to win first place in the competition. Photo submitted by ZTA.



Acacia

Chapter: Mo. School of Mines

Founded: Nov. 16, 1958

Residents: 4

Colors: black, old gold

Flower: Acacia sprig in bloom

Motto: human service

Philanthropy: American Red Cross blood drive

Unique Aspect: They are the only fraternity to use a Greek word rather than letters.

Activities: St. Pat's BBQ, Summer float trip, Christmas party



Front Row: Matt Ehlers, president and Jacob Bradley, vice president. *Back row:* Dave Sedwick; Josh Lawalin; Jason Duryea, recruitment chair; and Allen Ashley, treasurer. Photo by Erin Long.

Delta Tau Delta

Chapter: Epsilon Nu

Founded: Dec. 10, 1966

Residents: 23

Colors: purple, white, gold

Mascot: dog April

Unique Aspect: Their unique aspect is their fire pit.

Activities: annual Haunted Maze, Adopt-A-Street, after-school tutoring



Front row: Charles Culp; James Henken; Chris Kelly, director of academic affairs; Dan McGhee; Eugene Shoykhet; and Alexis Sietins. *Row two:* Steve Dodd; Jim Haskell; Ryan Kelly; James Kramer, sergeant at arms; Matt Wolken, president; Kraig Kelley, vice president external; Ryan Masters; and Brad Barnett. *Row three:* Tim Thomason; Ben Cunningham; Richard Smith; Brian Schwegal, treasurer; Eric Meyer; Mike Young; Nathan Wilke; and Donny Cone. *Back row:* Ben Roodman, secretary; Brad Morgan; Ben Malcolm; Corey Ernst, vice president external; Andy Zehner; Tony Giambalvo; Dan Maddex; James Nicholas; and Aaron Steede. *Not pictured:* Brian McMillan, John Lindemann, and Mike Scherr. Photo by Erin Long.



Kappa Alpha



Front row: Wil Viegas, corresponding secretary; Adam Siburt; CJ Sloan, ritualist; Adam Hilton; Brian Anderson; Mike Kobel; Gary Schrader; Matthew Burlson; Ben Whitener, parliamentarian; and Joel Kovack. **Back row:** Nathan Jones, treasurer; Tim Hill; Adam Steimel; Rich Louis Jr.; Dan Rogers, sergeant at arms; David Miles; John Schmitz; and John Quebbmann. **Not pictured:** Chris Borgmann, president; Jason Conway; John Gantner; Craig Hlike; David Moechnig; William Nance; Michael Plaszni; Michael Roetheli; Jacob Schneider, recording secretary; Joseph Sciarra, corresponding secretary; Brandon Simrell; Matthew Terryberry; Jacob Underwood; Derek Willers; Ben Worman; Nolan Lawrence, vice president. Photo by Julie Portman.

Chapter: Beta Alpha

Founded: April 27, 1909

Residents: 36

Colors: crimson, old gold

Symbol: Greek cross

Mascot: dog Dixie

Unique Aspect: They are an Order of Christian Knights with one rule—every member must always conduct himself as a gentleman.

Activities: Old South Week including the Old South Ball

Honors: worked 24 service hours per member, raised \$1,000 for MDA

Kappa Sigma



Front row: Michael Lancey; Kevin Hudson; Zach Bacon, president; Scotty Black; Grant Mabie; Christian Rasmussen; Derek Stringer; Andrew Palek; Sean Jones; Jason Williams; and Chris Howard. **Row two:** Stephen Hoffmann, secretary; Jeff Gittermeier; Alex Stark; Barrett Sill; Peter North; Mike Oksbig; Mike Franco; Craig Russell; Caleb Allen, ritualist; and Nick Christian. **Back row:** Rick McCarter; Grant Roesner; Jeremy Bexten; Mike Murray, treasurer; Richard Sausage; Matthew Moran, vice president; Kevin Volk; Todd Mills, guard; Daniel Cavin; and Jason Grimes. **Not pictured:** Ryan Bequette; Paul Brennan; Nathaniel Davis; Spencer Day; Mike Franco; Josh Goosey; Robert Graham; Nick Ilfrig; Patrick Keeven; Tim Laird; Michael Lancey; Marshall Littrell; James Luntz; David Luttrell; Rod Maksimovich; Matthew Minton; Blake Morris; Tony Petersen; Kevin Petrones; Tom Sarantokas; Corry Smith; David Vorhies; and Josh Wiederrich. Photo by Julie Portman.

Chapter: Beta Chi

Founded: 1983

Residents: 47

Colors: emerald, ivory

Mascot: dog Buddy

Honors: 1st at Greek Week, 1st at Greek Sing

Phi Kappa Theta

Chapter: Missouri Mu

Founded: 1936

Residents: 67

Colors: purple, white, gold

Unique Aspect: They are the National Catholic Fraternity.

Activities: assist St. Patrick's Parish, adopt-a-highway, host Boy's Town of St. James Christmas party, fundraiser for Children's Miracle Network



Front row: Robert Vaughn, Brandon Tienken, Ryan Griffin, Luke Garzia, Matthew Ortobals, Thomas Renfert, and Ryan Besand. **Row two:** Alex Spradling, Joey Western, Chris Finney, Matt Willis, Ryan Broekelmann, Curtis Parrott, Mike Baker, Tony Magnan, Will Strupp, Adam Case, Tyson Rellergert, Adrien Seguy, Dennis Buchheit, Chip Bogie, Andy Lugge, Dan Schulte, Steve Chung, and Dan Irsik. **Back row:** Carl Gorham; Broadus Jeffcoat-Sacco; Brian Pitts; Paul Mattione, alumni coordinator; Brian Lindsey; Bill Redell; William Roes; Andy Sommer; Jon Murray; Pete Eskew; Chad Senters; Ehren Leonberger; Eric Faust; Luke Miget; Chuck Williams, scholastics chairman; Rob Halthaus; Ryan Schmidt; Derek Buchheit; Alex DeVries, social chairman; Brian Heckman, treasurer; Adam Radetic; Sean Mahoney; Dan Shelton; Brandon Wieschhaus, rush chairman; Tim Sady; Andy Meyerott; Jordan Gittemeier; Adam Tiehes; Anthony Nguyen; Chris Reinke; Jake Layton; James Granich; Mike Brendel; Craig Kaibel; Ryan Wilson; Tim Reinke; Nick Benvides; Patrick Umphenour; RJ Agee, president; Brian Walters; Scot Harms; Eric Watts, associate member educator; Ryan Losson; Jon Prenger; and Curt Eggen, vice president. **Not pictured:** Paul Boyer; Jason Cahill, steward; Nick Cowell; Dan Dillard; Lee Hall; Chris Jackman; Josh Robinson; Wesley Street; and Ryan Broekelmann. Photo submitted by Phi Kappa Theta.

Pi Kappa Alpha

Chapter: Alpha Kappa

Founded: Nov. 28, 1905

Residents: 54

Colors: garnet, gold

Activities: public school tutors, helped the Red Cross and Rolla Fire Department install smoke detectors

Honors: members named Public Schools Volunteer of the Month, two-time IM champions, ΠKA National campus involvement award



Front row: Thomas Siengsukon; Will Clark; Eric Naught; Eric Caldwell; Jacob Rathert; Philip Schloss; Daniel Larson, president; Jacob Midkiff; Mike Schupbach; Nathan Green; Wesley Trueblood; Matt Richardson; Daniel Rice; and Kyle Kane. **Row two:** Paul Leonard; Ryan Kuhlebeck; Nick Toeller; Sean Ackley; Tom Buerk; Josh Holland; Adam Koth; Mike Hoffmann; Derek Ogg; Chris Shaw; Ryan Giacalleto; Tom Deyoung; and Justin Conner. **Back row:** Casey Henning; Christopher Moll; Joseph Grier; Joseph Filla; Andy Becker; Ryan Curran; Austin Christensen; Adam Hale; Ryan Coates, 1st vice president; Philip Chadderton; Andrew Gannon; Lary Schreiber; Jim Roepke, 2nd vice president; Daniel Daegling; Mark Creason; Drew Curran; Mike Staus, secretary; Tom Qualls, house manager; Kyle Verhoff, rush chairman; and Chad Raley, treasurer. **Not pictured:** Brice Adams, pledge educator; Brian Bertelsen; Dylan Gaistford; Quentin Gehring; Thomas Morris, Jr.; Robert Swasil; Eric Walling; and Robert Wright. Photo by Steve Landes.

Pi Kappa Phi



Front row: Adam Baird, warden; Amos King; Eric Mertens, secretary; Justen Dyer, historian; Jaymin Patel, archon; Josef Seale; and Will Gregg. *Back row:* Tony Rich; Allan Stepler; Brandon Hubbell; Nathan Smith, vice archon; Nathan Bates; Cameron Etheridge, treasurer; Raymond Myers; and Ian Eyberg, mascot. *Not pictured:* Ben Doering; Jeff Wienhoff; Alec Bass; and Josh Heil, chaplain. Photo by Steve Landes.

Chapter: Gamma Lambda

Founded: Nov. 23, 1968

Residents: 18

Colors: gold, white

Symbol: star shield

Mascot: dog Dixie

Unique Aspect: They are the only fraternity to own their own philanthropy, Push America.

Activities: St. Pat's pig roast, float trips, Roseball, donut runs

Sigma Phi Epsilon



Front row: Craig Heinzmann; Chris Farmer; Ross Kasmann; Craig Day; Craig Dudenhoefter, vice president finance; and Anthony Herzog. *Row two:* Jim Scott, Mike Richards, Tim Turner, Andy Herbst, Mike Harms, Justin Lester, and Dustin Althoff. *Back row:* Marc Armbruster; Nathan Palmer; Danny Rahn, secretary; Tim Walter; Mark Eilers, houseman; and Nate Branham, president. *Not pictured:* Austin Alley, vice president programming; Mike Box; Kendal Bishop; Nate Bland; Matt Gann, vice president communications; Zach Hawks; Mark Hawks; Matt Hendren, chaplain; Nathaniel Huckabay; Brian Johnson; Steve Johnson; Gregg Kane; Brandon Kruse; Ryan Mallery; Ashley Mertens; Dustin Miller; Steve Purdy; Dan Richards, vice president recruitment; Dan Roberts; Robert Rutherford; Derek Schmitz; Travis Tinsley, steward; Curt Williams, alumni director; Doug Walken; Brandon Wright; Derek Drussa; Matt Dudley; Kevin Keller; and Nathan Kuschel. Photo by Julie Portman.

Chapter: Missouri Gamma

Founded: May 10, 1947

Residents: 48

Colors: purple, red

Mascot: Playboy Bunny

Unique Aspect: Their house is being converted into a residential learning community.

Activities: annual formal dance, IM sports, 940 hours of community service annually as a house

Sigma Pi

Chapter: Alpha Iota

Founded: April 26, 1933

Residents: 43

Colors: lavender, white

Flower: Acacia sprig in bloom

Symbol: Greek cross

Mascot: owl

Pet: dog Jake

Unique Aspect: They had members from all over the country, plus Bulgaria.

Activities: Habitat for Humanity, work with the Head Start program, camping, paintball, ropes courses



Front row: Mark Brownfield, Tom Nutt, and Mike Tarpein. *Row two:* John Hardin, pledge educator; Kevin Pyles; Jarrett Eberhardt; Rob Rogers, vice president; Kendrick Latham, president; and Roumen Chamov, secretary. *Row three:* Josh Rechtien; Jay Gillis; Pete Swales; Jake Englert; Robert Ford; Tim McClure, alumni contact; Aaron Ticknor; Zach Rode; and Chris Droege. *Row four:* Matt Egger, Rich Milburn, Kevin Massmann, Justin Ryder, Dan Duncan, and Tom Hepperman. *Back row:* Josh Hefti; Shaun Burns; Dan Aiken, historian; Chris Livesay; Jim Lundberg, treasurer; Keith Parker, house manager; and Matt O'Dell. *Not pictured:* Mike Anderson, rush chairman; Nathan Brandt; Drew Elledge; Troy Ganson; Jake Heithold; Louie Huerta; Chris Jackson; John Jost; John Lackman; Curt Ledbetter; Robert Newton; Ben Pfeffer; Drew Siebert; Daniel Vosbrink; and Justin Wylam. Photo by Erin Long.

Sigma Tau Gamma

Chapter: Alpha Omega

Founded: Nov. 10, 1956

Residents: 40

Colors: blue, silver

Symbol: white rose

Unique Aspect: They carried the biggest shillelaghs on campus.

Activities: Wing-A-Thon (hot wings charity dinner)



Front row: Mike Kinnikin, James Dolson, Mark Anderson, Scott Laxton, Thomas Aquinas, and Mickey Henderson. *Row two:* Bill Lyon, Mark Chapman, Joe Fritschen, Zach Best, Chris Horvath, Ed Bosenquet, and David Floyd. *Row three:* Ben Loehr; George Ellsworth; Matt Mooney, vice president of programs; Andrew McCulloch; and Jeramiah King, 1st vice president of Membership. *Row four:* Steven Telle; Kevin Keim; Greg Witte; Sam Steele; Matt Bingaman, vice president of management; and Rob Jones. *Back row:* Zach Block, Karl Beck, Jack Witte, Lou Kuelker, Jonny Sommer, Chuck Blechle, Rob Schack, and Steve Berkley. *Not pictured:* Dan Hagen, president; Matt Neil; Tyson Goeppinger; Pat Dippel, 2nd vice president of membership; Paul Manley, executive vice president; Thomas McArdle; James Cook; Josh Kreuger; and Jon Zeman. Photo by Erin Long.

Tau Kappa Epsilon



Front row: Chris Polizzi; Greg Heitzmann; Adam Sturgeon; Ryan Elam; Ricky Difani; Ben Statler; Ryan Murphy; and Ryan McCabe.
Back row: Jason Graeser; Dan Rath; Travis Lutes; Nihad Abidin; Jake Gross, prytanis; John Balven, histor; Terry Caton; Drew Kuntemeier; Josh Chlopek; Josh Lawrence, hypophetes; Jason Forshee, house manager; Curt Costello, epiprytanis; Neal Heitzmann, pylortes; Justin Moses, rush chairmen; David Brown; Josh Gross, crysophylos; Ryan Rzacca; and Rob Flavin. **Not pictured:** Brian Polis; Phil Klazynski; David Oswald; Mike Roche, grammateus; Chris Ottley, hegemon; Robert Luhsen; Roger Terry; Mike Hampe; and John Blackford. Photo submitted by Tau Kappa Epsilon.

Chapter: Beta Eta

Founded: 1947

Residents: 35

Colors: cherry, gray

Unique Aspect: Alumni
 Ron Roche donated custom hand crafted tables to the chapter.

Activities: pool party, chapter retreat

T
K
E

Is your fraternity, sorority, organization, or residence hall missing from the yearbook? This spot could have been for you! Take charge now and talk to a Rollamo staff member to get your group and yourself in the yearbook!

www.umar.edu/~rollamo

Chi Omega

Chapter: Eta Kappa

Founded: Feb. 3, 1979

Residents: 46

Colors: cardinal, straw

Unique Aspect: Their house is full of diversity, leadership, and creativity, but members are bound by their sisterhood.

Activities: annual spaghetti dinner to benefit Make a Wish Foundation



Front row: Christina Huelsing, Amy Huber, Katie Boring, Brooke Antolak, Laney Fritz, Sara Schwager, Alicia Cobb, Sarah Massie, April Kramme, Laura Allen, Susan Cowan, Christina Brizendine, Megan Marler, Amber Vogt, Heather Erickson, Lauren Rabbitt, Laura Shoenbeck, and Karen Strottkamp. *Row two:* Stephanie Prather; Tara Hammond; Leslie Gosejohan; Katie Beissel, recruitment Chair; Angie Schmitz; Sara Abeln; Anne Lennertson, treasurer; Emily Douglas; Nancy Bergner; Jennifer Triplett; Jane Diecker; and Heather Gravitz. *Row three:* Cara McCarthy; Leah Rechner, president; Beth Hayward; Cameron Lange; Bethany Bradford; Sarah Luehmann; Yvonne Lanzer; and Megan Morris. *Row four:* Katrina Dickmann, personnel chair; Molly Ernesti; Laura Oakley; Rebecca Money maker; Kara Mattus; Jessica Shaffer; Tessa Russell; Jade Biesemeyer; Sarah James; Molly Balke; and Monica Coleman, secretary. *Row five:* Shannon Burke, Julia McCarthy, Jennifer Allen, Lauren Wilkinson, Krista Wolfe, and Jennifer Cook. *Row six:* Fio Giana, Amy Lunn, Kristy Heavin, Rachael Gliottoni, Katie Gleason, Katie Clark, and Lauren Etheridge. *Row seven:* Susan Windhorst, Amy Cole, Adrienne Orf, and Emily Hackworth. *Back row:* Andrea Lawson, Rebecca Pahlman, Leslie Grossenbacher, Molly Meyer, and Amy Jacks. *Not pictured:* Jenny Edwards, vice president; Christie Erhart; Collette Galaske; Julie Orlich; Angie Schmitz, new member educator; Holly Schultz; Jolene Silovsky; and Catherine Skrzyziarz. Photo submitted by Chi Omega.

Gamma Beta Sigma

Chapter: Alpha

Founded: Sept. 11, 1994

Colors: metallic gold, hunter green, navy blue

Symbol: anchor

Mascot: butterfly

Unique Aspect: They were small enough to recognize every member as both an individual and a sister.

Activities: help Russell House, Spring formal, St. Pat's and Homecoming Alumni BBQ's, sponsor UMR Service Day, hosted first annual local sorority convention in April 2002



Front row: Katie Walton; Alicia Canelos; Rachel Fulk; Rachel Mudd; Kristin McFarland, historian; Andrea Hona; and Erin Komperda. *Row two:* Brandy Lane; Asha Rao; Chrissie Baker; Christine Gerke, secretary; Nicole Schmidt; Katherine Katsourides; Sarah Israel; Kelly Reiter; and Cari Nunn. *Back row:* Barbie Kuntemeier; Alison Ibandahl; Denise Wiedermann; Cheryl Giljum; Becky Carter, president; Tonya Sonsteng, vice president of new member education; Meghan Rogg, treasurer; and Natalie Johnson, vice president of internal affairs. Photo submitted by Gamma Beta Sigma.

Kappa Delta



Chapter: Epsilon Alpha

Founded: Oct. 28, 1972

Residents: 48

Colors: pearl white, olive green

Symbols: teddy bear, dagger, naturalis shell

Activities: Campus Man to raise money for Prevent Child Abuse America, projects with girl scouts

Front row: Kendra Riddle; Kelle Iniquez, vice president of public relations; Angie Scherr, panhellenic delegate; Genevieve Wise; Sarah Genz; and Alice Hollister. *Row two:* Nicole Golden, assistant treasurer; Darcy Denner; Jenny Aurora; Erin Schepker; and Anna Cook. *Row three:* Alyssia Huntington; Kerri Blight; Moya O'Berry; Rebecca Walker; and Erin Claypool. *Row four:* Vaishalee Naruka; AJ Bedwell; Sarah Rosenbaum, vice president of standards; Barbara Monroe; and Sara Hurt. *Back row:* Nikki Brossier, vice president of recruitment; Adriana Aldana; Laura Hoppe, vice president new member education; Michelle Windsor; Stephanie Bormann, treasurer; and Rebecca Reed. *Not pictured:* Colleen Fox, president; Stephanie Adams; Kim Bieser; Jessica Bennett; Phani Bormann; Andrea Garret; LeighAnn Hauser; Kasi Johnson; Laura Marsh; Heather Mehan; Jenna Ramsey; Sara Reed; Margaret Schlueter; Emily Sheehan; Sylvia Skouby; Laura Warren; and Kala Wilcox. Photo by Matt Bayne.

Zeta Tau Alpha



Chapter: Eta Theta

Founded: May 5, 1973

Residents: 46

Colors: turquoise blue, steel grey

Symbols: crown, white violet, strawberries, bunnies

Unique Aspect: Their house was once two separate houses.

Activities: Race for the Cure, hold sports tournaments to raise money for Breast Cancer Awareness

Front row: Malina Dhillon, Sam Cagle, Sarah Scolari, and Michelle Marincel. *Row two:* Amberlee Cook, Carlie Harper, Kelly Fahey, Jennifer Elsenraat, Juli Jansen, Erin Hayden, Lauren Sisel, Christina Bockman, Emily Johnson, Kira Bluebaum, Kacie Marler, and Rachel Grodsky. *Row three:* Nina Smith; Taylor Haynes; April Tan; Katie Thompson; Janessa Chasteen; Kristin Beckmeyer; Kathy Kueck, 3rd vice president; Katie Fralick, house manager; Megan Landwehr; Julie Breckenridge, historian; Michelle Scheaffler, treasurer; Amy Bone, 2nd vice president; Meghan Donnellan, risk manager; and Patty Weng. *Row four:* Jennifer Speidel, 1st vice president; Danielle Miller, president; Katie Fluchel; Casey Stone, scholarship; Tonya Trudgeon; Erin Broyles; Erin Smith; Lindsey Smith; Davae Collins, secretary; Meena Phillips; Cody Rhodes; Heather Stracke; Jessica McCord, ritual; Michelle Vomund; and Jill Steineman, advisor. *Row five:* Leanne Fantini, Kirstin Reynolds, Stephanie Buffa, Christina Welch, Katie Kangas, Holly Gilliam, Katie Cooke, Trisha Lurke, Amanda Robart, and Doris Flock. *Back row:* Janet Nelson, advisor; Vasu Trisal; Claire Elsea; Rebecca Rogers; Jennifer Wells; Alexis Collins; Laura Lekar; Angela Kuene; Laura Davies; Darcy Rapp; Shannon Foil; Laura Fischer; Pam Elfrink; Sarah Stark; and Heather Lewis. Photo submitted by Zeta Tau Alpha.

FOOTPRINTS

ONE NIGHT A MAN HAD A DREAM. HE DREAMED HE WAS WALKING ALONG THE BEACH WITH THE LORD. ACROSS THE SKY FLASHED SCENES FROM HIS LIFE. FOR EACH SCENE, HE NOTICED TWO SETS OF FOOTPRINTS IN THE SAND; ONE BELONGED TO HIM, AND THE OTHER TO THE LORD.

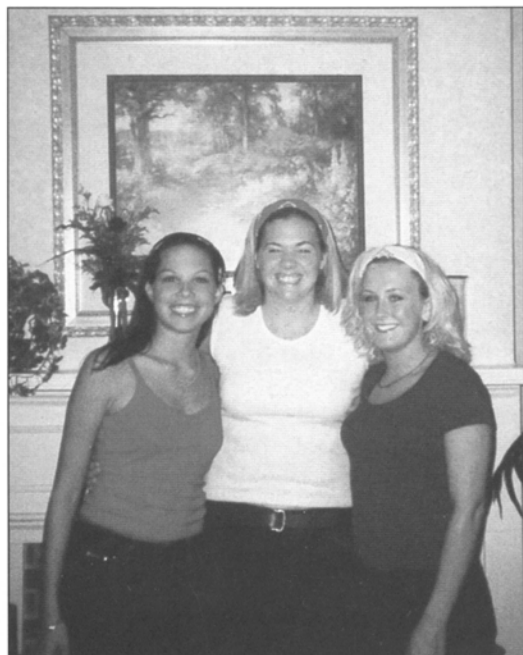
WHEN THE LAST SCENE OF HIS LIFE FLASHED BEFORE HIM, HE LOOKED BACK AT THE FOOTPRINTS IN THE SAND. HE NOTICED THAT MANY TIMES ALONG THE PATH OF HIS LIFE THERE WAS ONLY ONE SET OF FOOTPRINTS. HE ALSO NOTICED THAT IT HAPPENED AT THE VERY LOWEST AND SADDEST TIMES IN HIS LIFE.

THIS REALLY BOTHERED HIM AND HE QUESTIONED THE LORD ABOUT IT. "LORD, YOU SAID THAT ONCE I DECIDED TO FOLLOW YOU, YOU'D WALK WITH ME ALL THE WAY. BUT I HAVE NOTICED THAT DURING THE MOST ROUBLESOME TIMES IN MY LIFE, THERE WAS ONLY ONE SET OF FOOTPRINTS. I DON'T UNDERSTAND WHY WHEN I NEEDED YOU MOST YOU WOULD LEAVE ME."

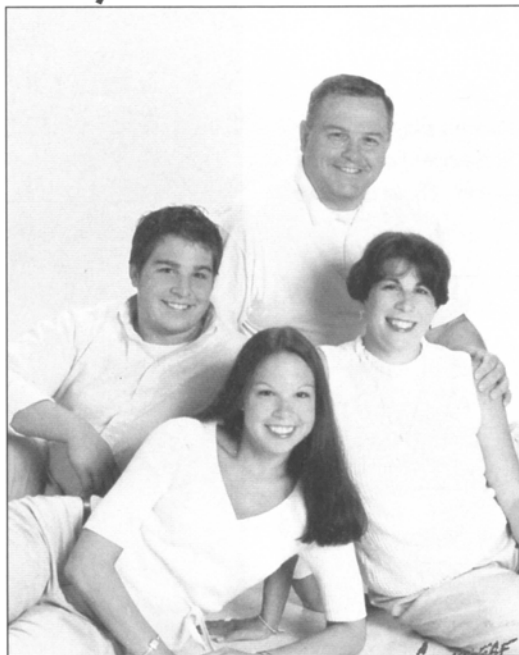
THE LORD REPLIED, "MY PRECIOUS, PRECIOUS CHILD, I LOVE YOU AND WOULD NEVER LEAVE YOU. DURING YOUR TIMES OF TRIAL AND SUFFERING, WHEN YOU SEE ONLY ONE SET OF FOOTPRINTS, IT WAS THEN THAT I CARRIED YOU."

Brian P. Burford, 19, of LeMay, MO, a brother of Phi Kappa Theta
John Garner Locke, 18, of St. Anne, IL, a brother of Sigma Nu
Patrick Nolan Roberts, 18, of Fenton, MO, a brother of Sigma Nu
Melissa Jane Jordan, 20, of Rogersville, MO, a sister of Kappa Delta
Steven Fridley, 22, of Charleston, WVA, a brother of Sigma Nu
Emily Anne Douglas, 20, of Granite City, IL, a sister of Chi Omega
Daniel Alan Irsik, 21, of St. Joseph, MO, a brother of Phi Kappa Theta

Emily Anne Douglas



Above. Emily Douglas with some of her Chi Omega sisters.

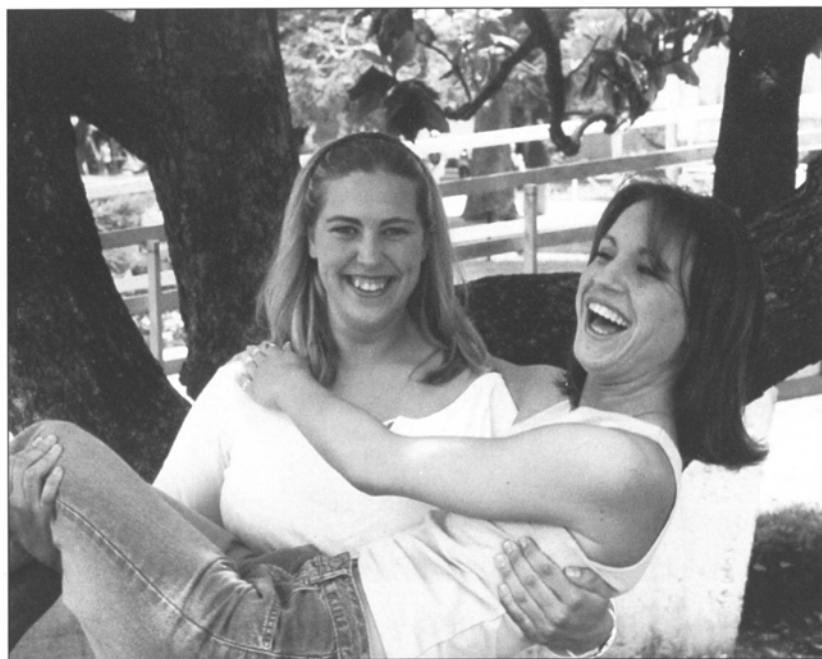


Above. The Douglas family.

Emily Anne loved Rolla. The years she spent here were probably the happiest ones of her life. She especially loved her sisters from Chi Omega and her special friends from Phi Kappa Theta. Her goal was to graduate with an Engineering Management degree. She said many times "Rolla is my home now."

-The Douglas Family

Melissa Jane Jordan



Above. Melissa Jordan and her best friend, Jennifer Stewart were roommates their freshman year of college at SMSU.



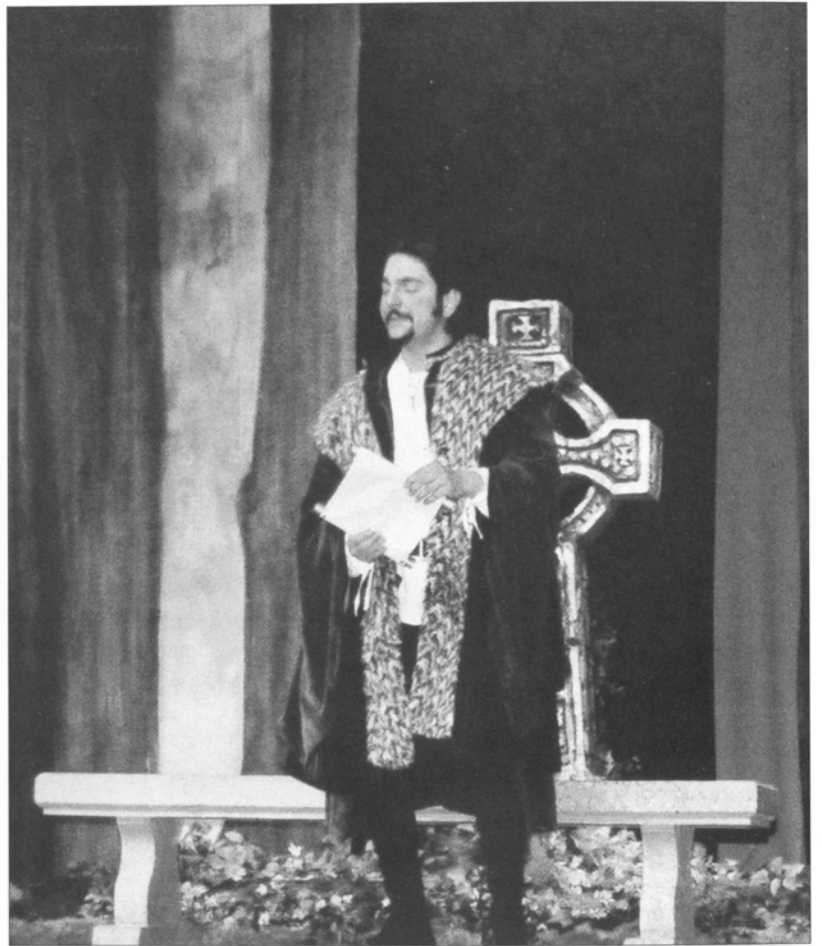
Left. Melissa and Hank Jordan, her brother, in her dorm room at Southeast Missouri State University.



Right. Melissa's high school senior portrait.

Right. Erik Timpson plays a role in Camelot. Photo by Chris Lambert.

Below. Students play a friendly round of horseshoes as St. Pat's festivities begin. Photo by Dave Denney.



Right. Students compete in Zeta Tau Alpha's volleyball tournament to raise money for breast cancer awareness. Photo submitted by ZTA.



Below. Miles to go before they rest, these res hall residents are ready to return to Rolla from a leadership conference.



Below. Things get a little messy at Kappa Delta and Kappa Alpha's joint pizza-making party. Photo submitted by Kappa Alpha.



Left. As St. Pat's festivities continue, a wheelbarrow race ensues. Photo by Dave Denney.



Seniors

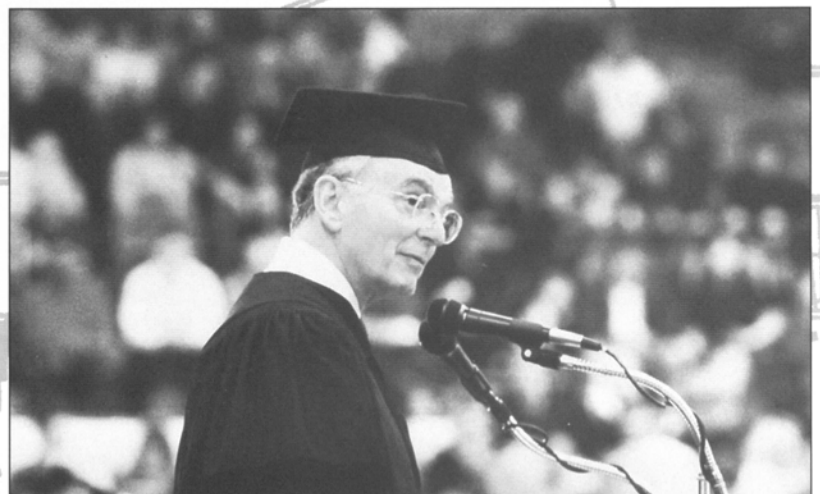
Graduates of
the School of
Arts and
Sciences 202

Graduates of
the School of
MIS 208

Graduates of
the School of
Engineering 210

Graduates of
the School of
Mines and
Metallurgy 232

Commencement photos by Bob Phelan.





GRADUATION—THE LONG-AWAITED CULMINATION OF SO MANY LECTURES, LONG LABS, ALL-NIGHTERS, FINALS, AND DOLLARS. BY THE TIME STUDENTS REACHED THIS POINT IN THEIR ACADEMIC CAREERS, THEY WERE PROS AT ST. PAT'S, HOMECOMING, SPRING BREAK, AND DEAD WEEK. THEY WEREN'T SIMPLY GRADUATING; THEY HAD COME TO KNOW WHAT IT MEANT TO BE MINERS.

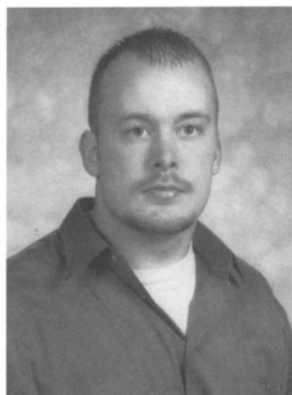
THE NUMBER AND VARIETY OF OPTIONS AVAILABLE TO GRADUATES WERE BOGGLING. GRADUATES DIDN'T LET THE STRUGGLING ECONOMY GET THEM DOWN. MANY STILL MANAGED TO FIND JOBS. OTHERS PLANNED TO ATTEND GRADUATE SCHOOL, EITHER FOR THE PLEASURE OF CONTINUING THEIR EDUCATIONS, OR TO STAY ACTIVE WHILE WAITING FOR THE JOB MARKET TO REVITALIZE.

MANY UMR GRADUATES WENT ON TO BECOME CEOs, RENOWNED INNOVATORS, AND PIONEERS IN THEIR FIELDS. ONE COULDN'T HELP BUT WONDER, WHO AMONG THESE ALUMNAE WOULD BE THE NEXT TO MAKE HEADLINES. FOLLOWING ARE JUST SOME OF THE REMARKABLE PEOPLE READY MAKE THEIR IMPRESSIONS ON THE WORLD, WHO, FOR A TIME, CALLED ROLLA HOME. LOOK NOW NOT ONLY AT WHAT THEY ACHIEVED, BUT ALSO AT SOME OF THEIR THOUGHTS AS THEY PREPARED TO MOVE ON.

CONGRATULATE
Graduate

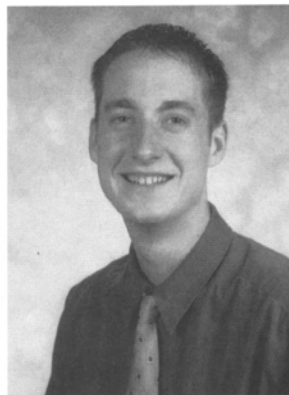
Jason Elrod

Rolla, MO
UMR football team; Phi Sigma;
Fellowship of Christian Athletes; Rolla
Masonic Lodge #213



Ryan Losson

Union, MO
Phi Kappa Theta; Interfraternity
Council; Alpha Chi Sigma



Kirsten J. Reynolds

Ft. Worth, TX
Zeta Tau Alpha; Blue Key; Phi Sigma;
Chancellor's Leadership Class



Amber Vogt

Doolittle, MO
Women's Basketball; Chi Omega
Sorority, vice president; Dean's List



Christina Brizendine

O'Fallon, MO
Chi Omega; Phi Kappa Phi; Phi Sigma



Rebecca Rich

Higginsville, MO
Christian Campus Fellowship;
Intramural Managers Association; W.T.
Schrenk Society



Laura Richeson

Potosi, MO
W.T. Schrenk Society, vice president;
Chancellor's Leadership Class; Chemistry
Peer Tutor; Outstanding Chemistry Lab
Report Award



Senior Survey

Who was your favorite professor?

Kirsten Reynolds: "Dr. Dave Westenburg [Biological Science]. He made learning fun and exciting."

Ryan Losson: Dr. Ronald Frank.

What was your hardest class?

Kirsten Reynolds: "Organic Chemistry. If you've taken, you know why!"

Rebecca Rich: "Physical Chemistry 2 Lab."

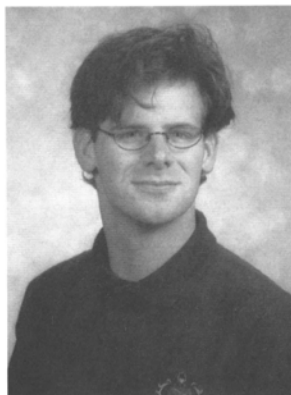
Nichole Bialczyk

St. Charles, MO
Zeta Tau Alpha



Christopher Brown

Niles, MI
Tau Beta Pi; UMR Bands



Allan Crain

Defiance, MO



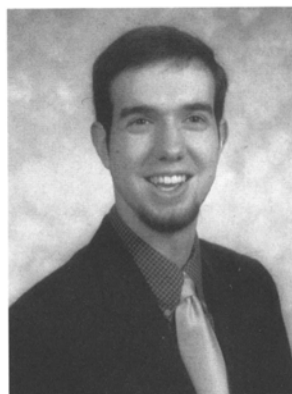
Brenda Driver

Richland, MO
Upsilon Pi Epsilon, secretary; Academic Competition Organization, secretary, treasurer; Quadrangle Hall Association; Flag Corps; Dean's List



Preston Feeler

Rolla, MO
Phi Eta Sigma; Phi Kappa Phi; Theater Ensemble; Main Stage Production; Christian Campus Fellowship



Jessie Ferguson

Rogersville, MO



Jeffrey Field

St. Louis, MO
UMR Racquetball Club



Matt Griffith

Ballard, MO
Academic Competition Organization, president, treasurer; Upsilon Pi Epsilon, vice-president; Dean's List



Senior Survey

What was your hardest class?

Nichole Bialczyk: "Calc. 2. I took Calc. 1 at community college and I wasn't prepared."

Preston Feeler "CS 235. I have trouble with hardware."

Who was your favorite professor?

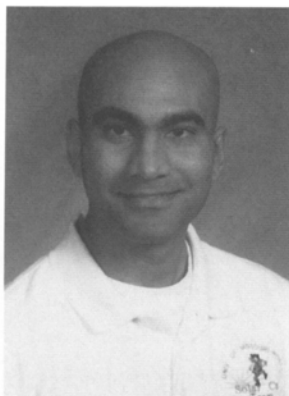
Christopher Brown: Dr. Don Miller, Liberal Arts

Allan Crain: Dr. Michael Hilgers, Cmp. Sci.

Jeffery Field: Dr. Arlan DeKock, Cmp. Sci.

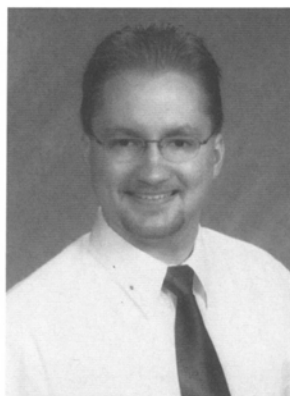
Srinivas Jakkidi

Hyderabad, India
Solar Car Team; Graduate Teaching
Assistant; Ballroom Dancing Club



Gregory Jaromack

St Peters, MO



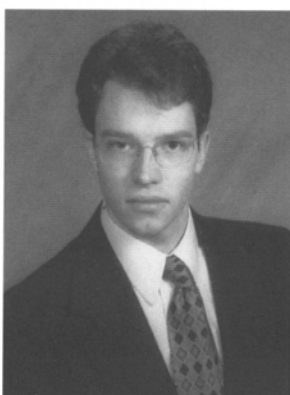
Erika Marlow

Independence, MO
The Missouri Miner, News-editor;
Association for Computing Machinery;
French Club



Jonathan Mertz

Ellisville, MO



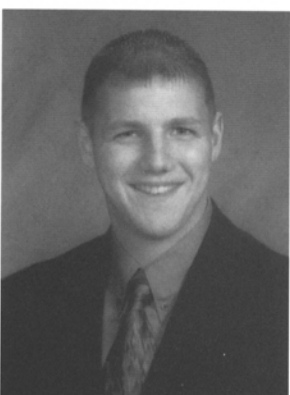
Dustin Mihalik

Rogersville, MO
Association for Computing Machinery



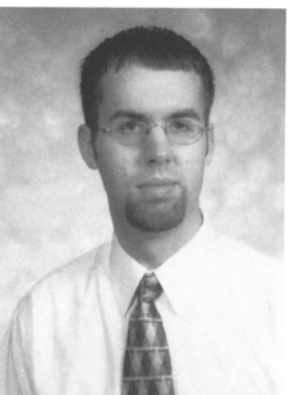
Stephan Posch

Parsons, KS
Varsity Tennis; Upsilon Pi Epsilon; Phi
Kappa Phi



Daniel Thill

Puryear, TN
Association for Computing Machinery;
Phi Kappa Phi; Upsilon Pi Epsilon; Phi
Eta Sigma



Yanxia Zhao

Shanghai, China



Senior Survey

Senior Will...

Srinivas Jakkidi: "I leave my 'I Hate Solar Car' shirt to the team. It represents all my frustrations, antipathy and dedication to the team."

Senior Will...

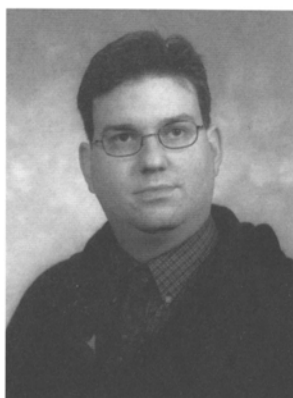
Gregory Jaromack: "I leave insanity, to get through school."

Daniel Thill: "I leave Katherine my seat in CS 213 so that she may learn the joys of Unix."

Randal A. Burd, Jr

Rolla, MO

Missouri Miner, Editor-in-Chief;
Omicron Delta Kappa, treasurer; Sigma
Tau Delta, secretary; Phi Eta Sigma;
Southwinds, Editor-in-Chief; Living
Poets Society, president



Becky Carter

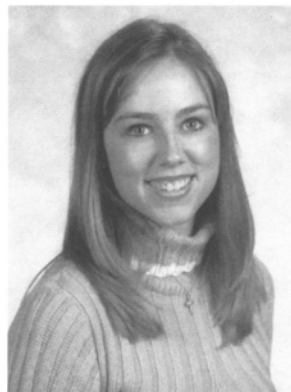
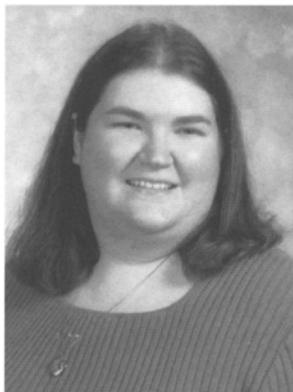
St. Louis, MO

Gamma Beta Sigma; Sigma Tau Delta;
Phi Delta Kappa; Missouri State
Teacher's Association

Natalie Johnson

Salem, MO

Philosophy dual major; Gamma Beta
Sigma, vice-president of internal
relations, secretary, fundraising,
extension; Sigma Tau Delta, vice-
president; Dean's List



Jami Jones

Kansas City, MO

Sigma Tau Delta; Phi Kappa Phi;
Writing Center Tutor

Barbie Kuntemeier

St. Louis, MO

Sigma Tau Delta, vice-president,
president; Gamma Beta Sigma, secretary;
Dean's List; Sweetheart of Tau Kappa
Epsilon



Sarah Stillman

Villa Ridge, MO

Phi Kappa Phi; Phi Eta Sigma; Sigma
Tau Delta; Chancellor's Leadership
Class

Amber Warner

Modesto, CA

Sigma Tau Delta; Dean's List; Missouri
State Teacher's Association



Senior Survey

Senior Will...

Barbie Kuntemeier: "I'd like to will the ability to deal with engineers to all the English majors here."

Who was your favorite professor?

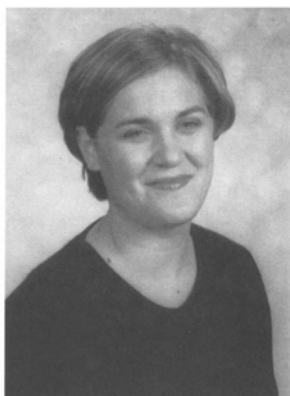
Randal Burd, Jr.: Dr. Nicholas Knight, English

Becky Carter: Dr. Eva Lee Lasater, Philosophy

Jami Jones: Dr. Michael Meagher, History

Melissa Erin Broyles

St. Louis, MO
Zeta Tau Alpha; Daughters of the Emerald



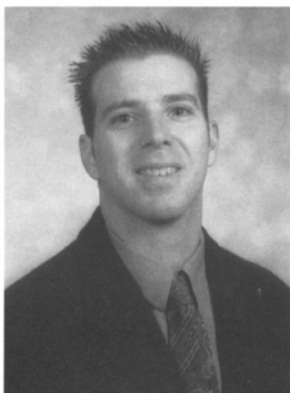
Shawna Mantia

St. Peters, MO
Psychology dual major; Student Union Board, comedy director, special events committee; National Residence Hall Honorary; Omicron Kappa Delta; Psi Chi; Resident Assistant; Ballroom Dancing Club



Justin Shane Mosher

Cuba, MO
UMR Band; History Club



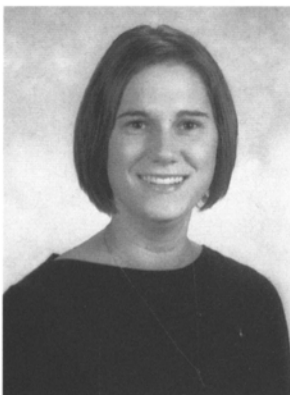
Cynthia Tharp

Dixon, MO
Philosophy dual major; Phi Kappa Phi; Phi Alpha Theta; Peer Tutor; Writing Across the Curriculum Program



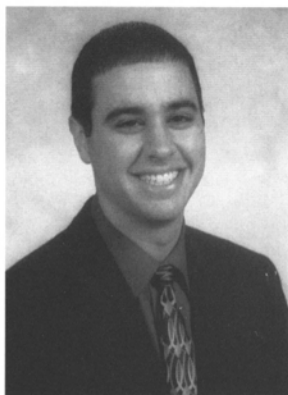
Claire Elsea

Weston, MO
Economics dual major; Mathematical Association of America; Kappa Mu Epsilon, treasurer; Zeta Tau Alpha, assistant-treasurer, activities-green; Gamma Alpha Delta; Economics Students Professional Organization, treasurer



Matthew Thacker

Swanson, IL
Catholic Neman Center, president, treasurer, social chair; Spanish Club, treasurer; Kappa Mu Epsilon, secretary; Phi Eta Sigma; Mathematics Association of America; Ballroom Dancing Club; Interdisciplinary Math Modeling Competition Team; Reign Makers Band at St. Patrick's Church; LEAD tutoring program



Christina Welch

Licking, MO
Zeta Tau Alpha, president, secretary, fundraising chair; Mathematical Association of America, president, vice-president; Christian Campus Fellowship; Kappa Mu Epsilon, social chair; Mentor; French Club; Big Brothers/Big Sisters of Rolla



Senior Survey

What advice do you have for underclassmen?

Matthew Thacker: "Do homework in groups, and don't hesitate to see your teachers outside of class."

What was your hardest class?

Christina Welch: "Partial Differential Equations with Dr. David Grow. He's a great teacher, but has high expectations."

Lea Ann Cozort

West Plains, MO

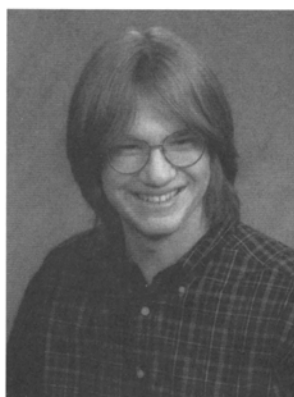
Sigma Tau Delta; Tau Beta Sigma;
Society of Physics Students; Baptist
Student Union; American Association of
Physics Teachers; CL/Dake Geological
Society; Society of Exploration
Geophysicists



Joseph R. Eimer

Hillsboro, MO

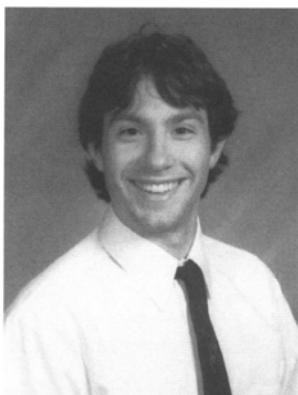
Mathematics dual major; Sigma Pi
Sigma; Kappa Mu Epsilon; Society of
Physics Students, president



Kurt T. Koch

Arnold, MO

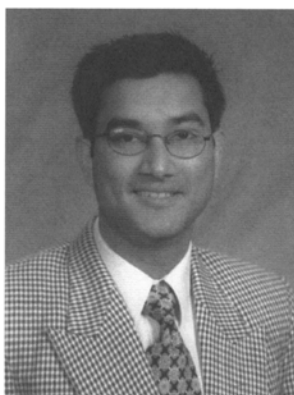
Sigma Pi Sigma, president; 2nd in
Fuller Undergraduate Talks



Deepak Vaid

Delhi, India

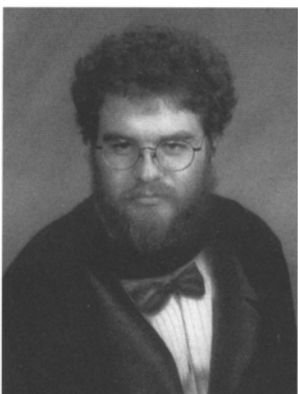
Perfect GRE Score; Aikido; Swing
Dancing; Living Poets Society; Society of
Physics Students



Travis Yates

Judsonia, AR

Society of Physics Students; 1st in Fuller
Undergraduate Talks



Senior Survey

Where are you headed? Graduates of the School of Arts and Science share their plans for the future.

Get a job: 26%

Attend graduate school: 45%

Join the military: 0%

Don't know: 29%

n=42

Daniel Thill, Cmp. Sci.: "I plan to work full-time in the Midwest and learn piano."

Jami Jones, English: "I'll attend graduate school; why work until I absolutely have to?"

Kirsten Reynolds, Bio. Sci.: "I'll get a Master's in Biological Science and go into medical research."

Laura Richeson, Chemistry: "I'm going to medical school, and someday I'll start my own practice."

What was your hardest class?

Lea Ann Cozort: "Electricity and Magnetism. It had a lot of concepts."

Kurt Koch: Drawing 1

Travis Yates: Probability and Statistics

Who was your favorite professor?

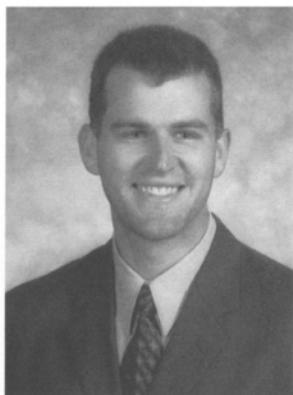
Lea Ann Cozort: Dr. Nicholas Knight, English

Deepak Vaid: Dr. John Story, Physics

Travis Yates: Dr. Jerry Peacher, Physics

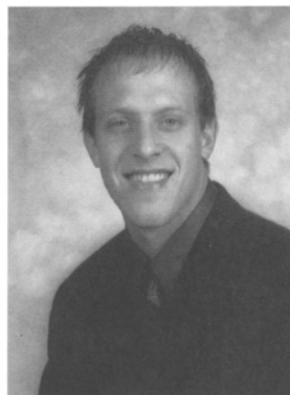
Courtney Buck

Lebanon, MO
Alpha Epsilon Pi; Student Union Board;
St. Pat's Board; KMNR; Sigma Tau Delta



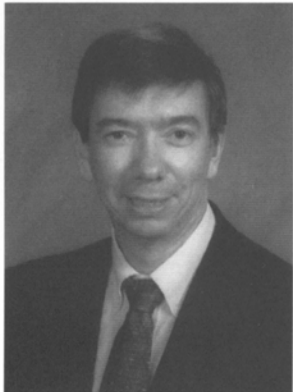
Robert Tebbe

Highland, IL
Varsity Basketball



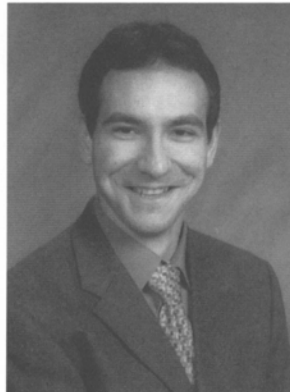
James M. Eye

Potosi, MO
Christian Campus Fellowship;
Intramural Volleyball, Basketball, and
Tennis



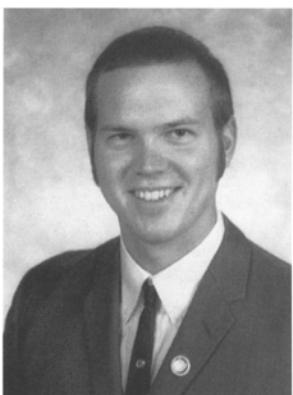
Mehmet Serkan Bukulmezer

Istanbul, Turkey
Computer Science / Economics triple
major; Student Council; Rotaract Club of
UMR; Webmaster for Economics
Department



Kurt Christman

Kansas City, MO
Philosophy minor; KMNR DJ; General
Delegation of Independents



Victoria Cotton

St. Louis, MO
Computer Science minor



Senior Survey

Where are you headed? Graduates of the School of Management and Information Systems share their plans for the future.

Get a job: 50%
Attend graduate school: 0%
Join the military: 7%
Don't know: 43%
n=14

James Eye, IST: "I'm looking forward to getting a job and building a house."

Darin Kendrick, Man. Sys.: "I'd like to get a job in consulting."

Sterling Hodrich, Man. Sys.: "I'd like to work and do some traveling."

Brennan Husman, Man. Sys.: "I'll get a job, buy a Harley, and go duck hunting."

Joshua Rechtien, Man. Sys.: "I want to graduate and get out of Rolla!"

What is your fondest memory of UMR?

James Eye: "My Bible study group."

Arica Spillers: "How the students networked."

Who was your favorite professor?

James Eye: Dr. Richard Hall, IST

Jessica Henson: Dr. Diana Ahmad, History

Joshua Rechtien: Dr. Anthony Ammeter, Engr. Man.

Jennifer Glawson

Richland, MO
Student Association of Management
Systems; Kappa Delta; Gold Miners
Dance Squad



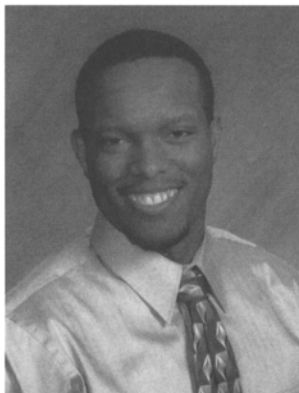
Jessica Henson

Silver Spring, MO
Catholic Newman Center; Phi Kappa
Phi; Alpha Iota Delta; Thomas Jefferson
Hall Association; Phi Eta Sigma



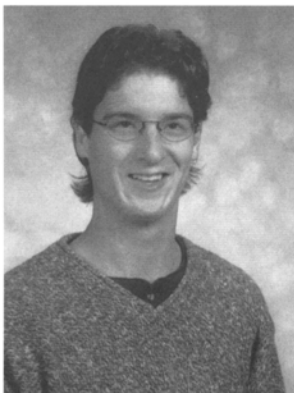
Sterling Hodrich

Oakland, CA
Football; Track; Black Man's Think
Tank



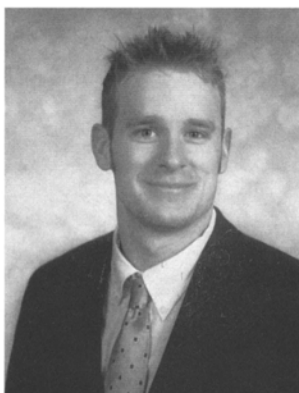
Brennan Husman

Viburnum, MO / Winona, MN
TJ 10 South Resident Assistant; Senior
Resident Assistant; Head Resident
Assistant



Darin Kendrick

Monroe City, MO
Lacrosse; rock climbing



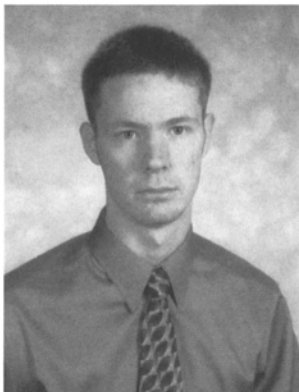
Shamara C. Sampler

St. Louis, MO
Minority Engineering Program
Scholar; Dean's List; National Society of
Black Engineers; Minority Engineering
Program 3.0 Club; Curator's Scholar;
Delta Sigma Theta, vice president,
treasurer; Association of Black Students;
Voices of Inspiration; Society of Women
Engineers



Joshua Rechtien

St. Louis, MO
Dean's List; Sigma Pi; Alpha Iota Delta;
Students Association for Managements
Systems



Arica Spillers

Missouri
National Society of Black Engineers;
Association of Black Students; Student
Council for Southwestern Bell Cultural
Center



Senior Survey

What advice do you have for underclassmen?

Brennan Husman: "Contrary to popular
opinion, your GPA is very important in your
ability to get a job."

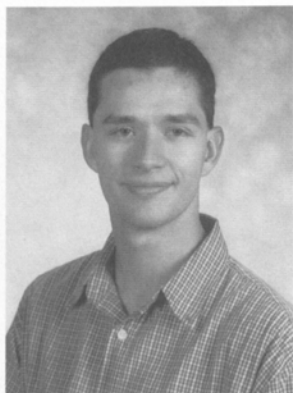
What was your hardest class?

Arica Spillers: "CS 284; we built an Operat-
ing System. Need I say more?"

Tom Barnett III

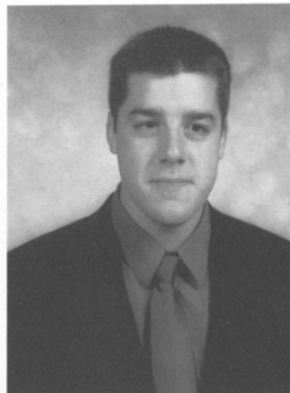
Sidney, MT

Master Student Fellowship; Department Honors Student; Sigma Gamma Tau, vice president; Advanced Aero-Vehicle Group, vice president; Latter-Day Saint Student Association, president; Ballroom Dance Club, secretary



Curtis Brown

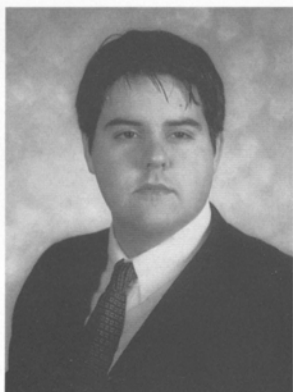
Ft. Wayne, IN



Mathew Coffman

Florissant, MO

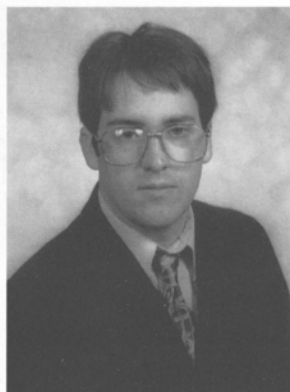
American Institute of Aeronautics and Astronautics; LSF; Kappa Delta - Man of the Dagger; Quad Resident Assistant of the Year



Donald Wayne Cone Jr.

Blue Springs, MO

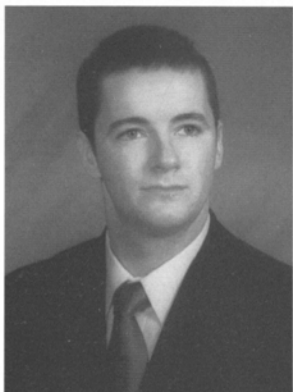
Economics dual major; Private pilot; Amateur radio operator; Delta Tau Delta Fraternity; Sigma Gamma Tau; Alpha Phi Omega Service Fraternity



Mark Creason

Blue Springs, MO

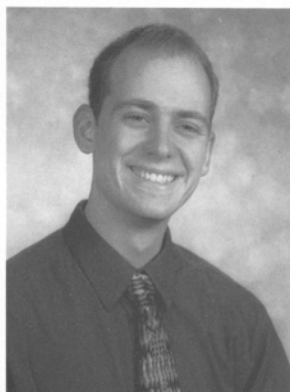
American Institute of Aeronautics and Astronautics; Gamma Alpha Delta; Omicron Delta Kappa; Blue Key; Order of Omega; Pi Kappa Alpha; UMR Rugby; Phi Kappa Phi; Sigma Gamma Tau; Tau Beta Pi



Keith Gittemeier

Ellisville, MO

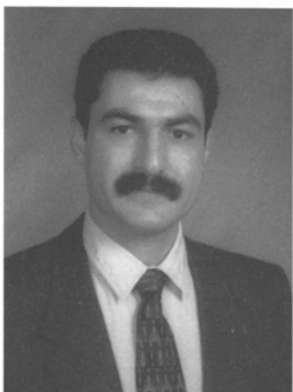
Catholic Newman Center; "Perfect 10" Improv; UMR Theatre; Collegate Eagle Scout Association; Student Union Board, performing arts director



Afsheen Khamooshi

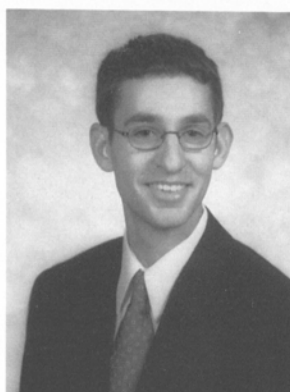
Cape Girardeau, MO

Tau Beta Pi; Sigma Gamma Tau



Jared Moore

Ash Grove, MO



Senior Survey

What do you intend to forget after leaving UMR?

Donald Cone: "Engineering."

Derek Schmitz: "Nothing."

Keith Gittemeier: "Thermodynamics."

Who was your favorite professor?

Tom Barnett: Dr. Henry Pernicka, Aero. Engr.

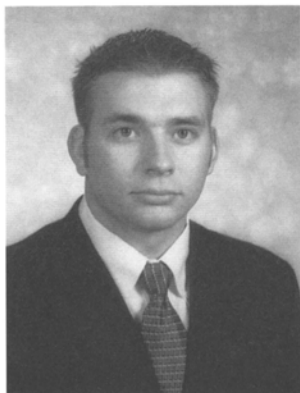
Mathew Coffman: Dr. Dwight Look, Aero. Engr.

Keith Gittemeier: Mr. John Woodfin, Philosophy

Derek Schmitz

Jefferson City, MO

Chancellors Leadership Class;
Reignmakers (Newman Center);
Advanced Aero-Vehicle Group; Sigma
Phi Epsilon; Phi Eta Sigma; Tau Beta Pi;
Sigma Gamma Tau; University Choir;
American Institute of Aeronautics and
Astronautics; Order of Omega; Blue Key;
Phi Kappa Phi



Brian P. Schoene

Vienna, MO

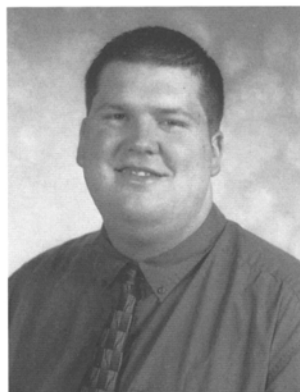
Advanced Aero-Vehicle Group; Tau
Beta Pi, workday chairman and
treasurer; Rotaract, founder and
president



Trent M. Taylor

Mt. Vernon, MO

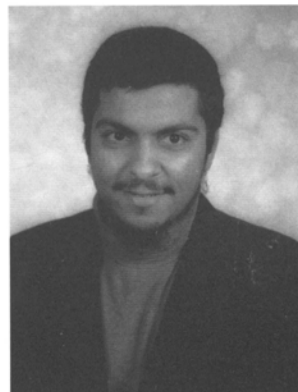
Phi Kappa Phi; Tau Beta Pi; Sigma
Gamma Tau; Advanced Aero-Vehicle
Group; Missouri NASA Space Grant



Abdulla Almarzouqi

Sharjah City, The United Arab
Emirates

Muslim Student Association, social
activity coordinator



Evelyn Barnes

Annapolis, MO

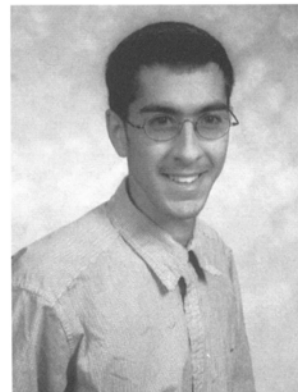
American Institute of Chemical
Engineers; Phi Eta Sigma; Bright
Flight recipient; Omega Chi Epsilon



Waseem Cossor

S. Elgin, IL

Quadrangle Hall Association, treasurer;
Residence Hall Association; Omega Chi
Epsilon; American Institute of Chemical
Engineers, treasurer



Laura Elizabeth Davies

Freeland, MI

American Institute of Chemical
Engineers; Alpha Chi Sigma; Blue Key;
Freshman Leadership and Success
Program Mentor; Omega Chi Epsilon;
Order of Omega; Society of Women
Engineers; Student Union Board,
secretary; UMR TECHS; Zeta Tau Alpha,
President; 2001 Homecoming Queen;
2001 Greek Week Queen



Margie Dickerson

Morton, IL

Tau Beta Pi; Student Council, recorder;
Student Ambassador; Phi Eta Sigma;
Omega Chi Epsilon



Senior Survey

What are your plans for the future?

Abdulla Almarzouqi: "Enjoy my life with
my wife and have kids."

Waseem Cossor: "Medical school."

What is your fondest memory of UMR?

Margie Dickerson: "Meeting my husband
the first day I was here, at the Freshmen
Orientation Picnic."

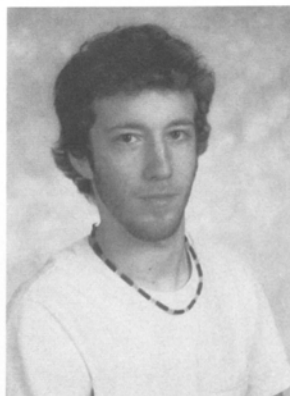
Derek Dressler

St. Libory, IL
American Institute of Chemical
Engineers; Omega Chi Epsilon,
treasurer, president



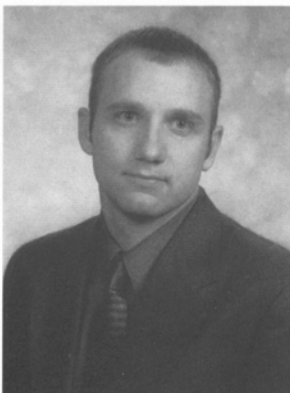
Grant Folkmann

Washington, MO
Co-host of "Ben & Grant Do Rolla"



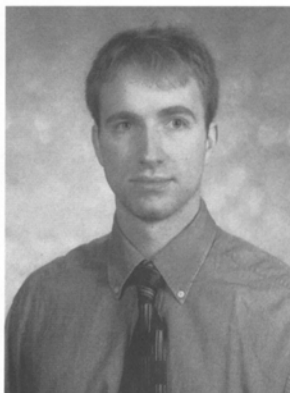
Edwin Hammann II

Carlinville, IL
Baptist Student Union; Omega Chi
Epsilon; Phi Eta Sigma



Stephen Handley

Boonville, MO
Lutheran Student Fellowship; Omega
Chi Epsilon; Alpha Chi Sigma; Residence
Hall Association; Quadrangle Hall
Association, governor



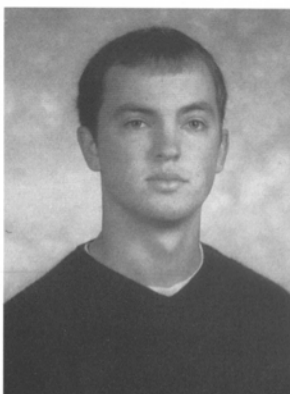
Alice Hollister

Chesterfield, MO
Kappa Delta, president, vice president;
Omicron Delta Kappa, Omega Chi
Epsilon, secretary; American Institute of
Chemical Engineers; Order of Omega;
Alpha Phi Omega; Phi Eta Sigma,
executive council; Mentor



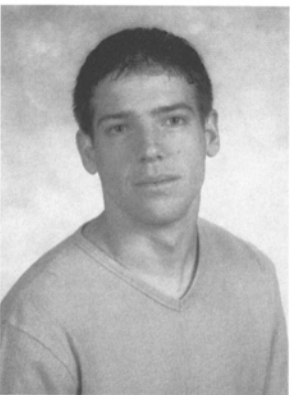
Adam Hunt

Blue Springs, MO
Pi Kappa Alpha; Varsity Golf



Jeromy Jones

Kansas City, MO
Omega Chi Epsilon; American Institute
of Chemical Engineers



Andrew Kasper

Franklin, WI
Sigma Nu Fraternity; Varsity Track;
Blue Key; Theta Tau, freshman of the
year



Senior Survey

Who was your favorite professor?

Edwin Hammann: Dr. S.L. Rosen, Chem Engr.

Stephen Handley: Dr. Oliver Sitton, Chem
Engr.

Jeromy Jones: Dr. Oliver Sitton, Chem Engr.

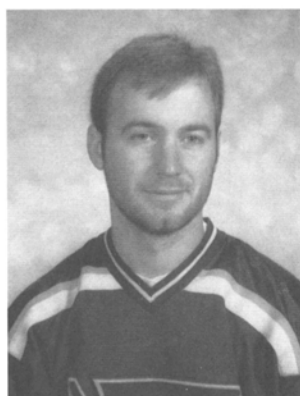
Senior Will...

Alice Hollister: "I leave Laura Hoppe, my
little sister, my enthusiasm for Kappa Delta.
May you always strive for that which is
beautiful, honorable, and highest."

Benjamin King

Anderson, MO

American Institute of Chemical Engineers, president, soda boy; Omega Chi Epsilon; College Republicans; Co-host of "Ben & Grant Do Rolla"



Kathleen Knecht

St. Louis, MO

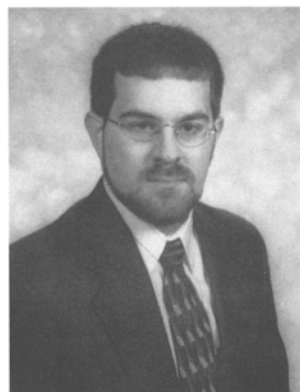
American Institute of Chemical Engineers, president, secretary, external activities coordinator; Omega Chi Epsilon, treasurer; Delta Omicron Lambda, women's interest chairperson



Kevin Martin

Centralia, IL

American Institute of Chemical Engineers, treasurer, activities committee chair; Omega Chi Epsilon



Valerie Metroff

Peoria, IL

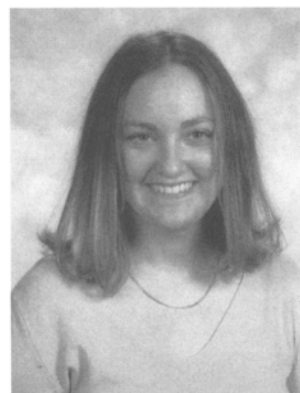
Army ROTC; Tau Beta Pi; Omega Chi Epsilon; Phi Kappa Phi; American Institute of Chemical Engineers, secretary



Debbie Muller

Gray Summit, MO

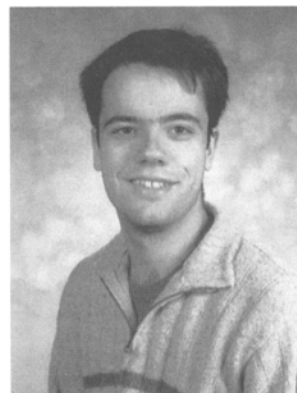
Kappa Delta; Lambda Sigma Pi; Missouri Miner staff; American Institute of Chemical Engineers



Helio Guimaraes Neto

Minas Gerais, Brazil

Tau Beta Pi; American Institute of Chemical Engineers; Omega Chi Epsilon



Lloyd Young

Elkland, MO

American Institute of Chemical Engineers; Omega Chi Epsilon



Sean Zuckerman

St. Louis, MO



Senior Survey

What are your plans for the future?

Valerie Metroff: "Commissioning in December into the Army Medical Service Corps."

Senior Will...

Debbie Muller: "I would like to pass on the hardship of chemical engineering to all future seniors."

Sulaiman Alhammadi

Abudhabi, United Arab Emirates



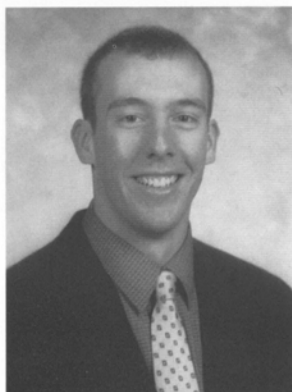
Kevin Baumann

St. Louis, MO
Associated General Contractors



Hans Buckwalter

Huntsville, AL
Lambda Chi Alpha; Tau Beta Pi; Chi Epsilon; Cycling Club; American Society of Civil Engineers; Exchange Student; Varsity Football Scout Team Player of the Week



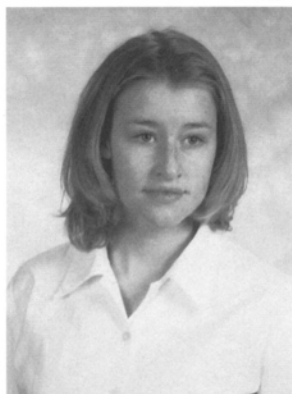
Amanda Bush

Brookfield, MO
Varsity Softball



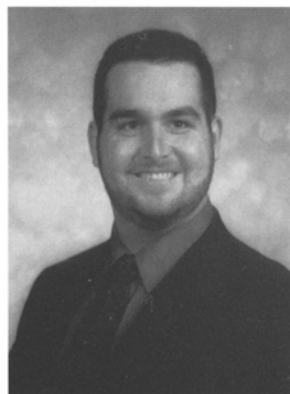
Amanda Christensen

Gladstone, MO
Chi Omega; Track and Field; Newman Center; American Society of Civil Engineers; Concrete Canoe



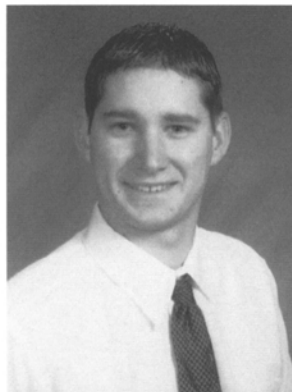
Joseph W. Clendenen

Fieldon, IL
American Concrete Institute; American Society of Civil Engineers; Tau Beta Pi; Chi Epsilon; Trap and Skeet Club; Phi Kappa Phi; Phi Eta Sigma; Order of the Engineer; Student Council; Thomas Jefferson Hall Association



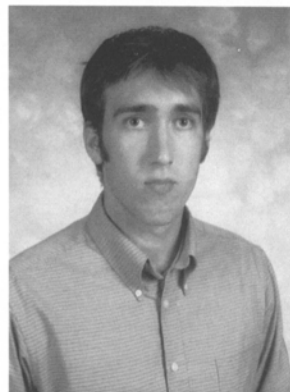
Ronald DeClue

Bourbon, MO
Chi Epsilon; Tau Beta Pi; Phi Kappa Phi; Baptist Student Union, prayer team; American Society of Civil Engineers; Concrete Canoe Team, construction committee head



Stephen Eads

Cuba, MO
Tau Beta Pi; Associated General Contractors; American Society of Civil Engineers, timber bridge, steel bridge; American Concrete Institute



Senior Survey

Senior Will...

Amanda Christensen: "Nothing; I need it all!"

Joseph Clendenen: "I will my patience to any man trying to find a girlfriend in Rolla."

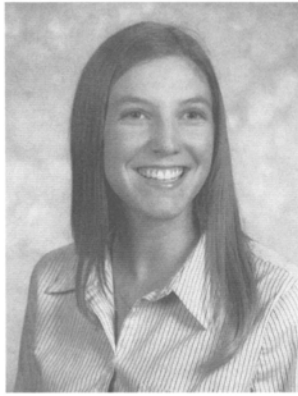
Senior Will...

Ronald DeClue: "I leave my remarkable emailing abilities, as email is the glue that holds us all together."

Shannon Foil

Lee's Summit, MO

Zeta Tau Alpha, vice president of membership, public relations/historian; Panhellenic Council, president; Order of Omega, 2nd vice president; Blue Key; American Society of Civil Engineers; Institute of Transportation Engineers; Gamma Alpha Delta; Intercollegiate Knights; Student Union Board



Lu Gan

Rolla, MO

Tau Beta Pi; Chi Epsilon; Kappa Mu Epsilon



Holly Gillam

De Soto, MO

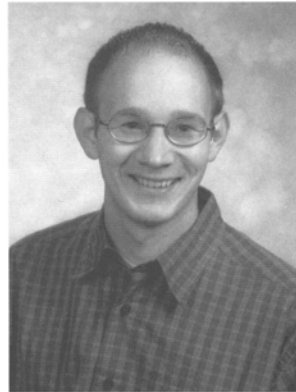
Zeta Tau Alpha; American Society of Civil Engineers



Aaron John Groff

Union, MO

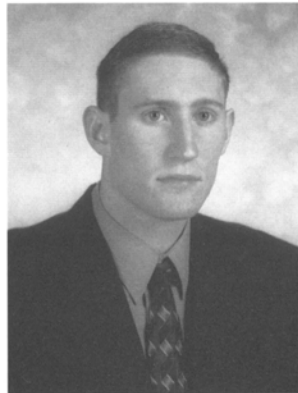
Appeared in 3 UMR musicals; UMR Orchestra; Tau Beta Pi; Chi Epsilon; Tutor at Rolla public schools; Honor roll



Troy Hythecker

DeWitt, IA

Christian Campus Fellowship, president; Habitat for Humanity; Water Environment Federation, treasurer; Chancellor's Leadership Class; Chi Epsilon; Varsity Football



Chaz T. Jaquess

St. Louis, MO

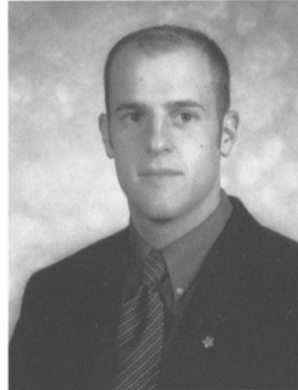
National Society of Black Engineers, Missouri zone representative; Alpha Phi Alpha; Voices of Inspiration, president; Association of Black Students, treasurer; National Baptist Union Retreat, president; American Society of Civil Engineers; Associated General Contractors; MEP Scholar; HAMP Undergraduate Research Winner



Jason Jeffries

Lee's Summit, MO

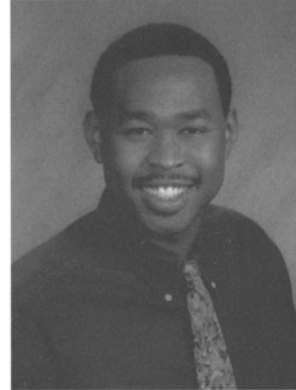
Sigma Nu Fraternity; UMR Interfraternity Council; American Society of Civil Engineers; Gamma Alpha Delta; Intercollegiate Knights



S. Magnus Lightbourn

Freeport, Bahamas

National Society of Black Engineers, secretary; Alpha Phi Alpha, president; Association of Black Students; Voices of Inspiration; Black Man's Think Tank



Senior Survey

Who was your favorite professor?

Lu Gan: Dr. Charles Morris, Civil Engr.

Holly Gillam: Dr. Abdeldjelil Belarbi, Civil Engr.

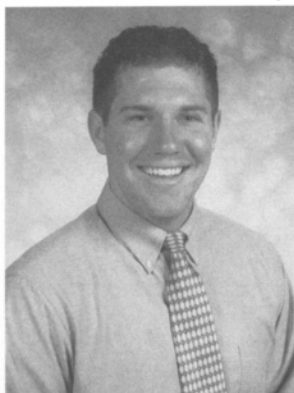
Aaron Groff: Mr. John Woodfin, Philosophy

What advice do you have for underclassmen?

Hans Buckwalter: "Take advantage of UMR's study abroad opportunities! How many chances will you have to take a four month vacation in Australia?"

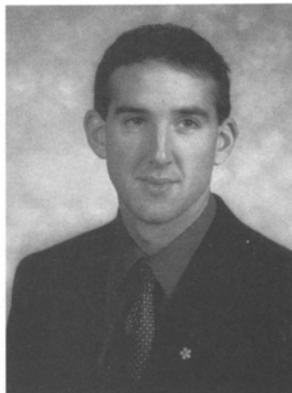
Daniel Lutz

Waterloo, IL
American Society of Civil Engineers;
Chi Epsilon; UMR Steel Bridge Team



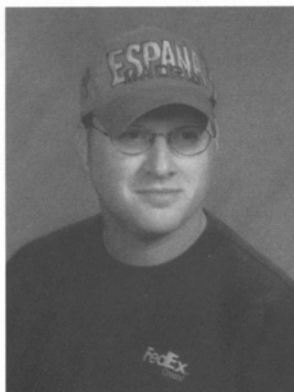
Ryan Lynch

Winona, MN
Sigma Nu; UMR Interfraternity
Council; Varsity Tennis; International
Association for the Exchange of Students
for Technical Experience; 3rd place
Opportunities for Undergraduate
Research Experience Symposium



Jonathan Marburger

Concord, NE
Christian Campus Fellowship



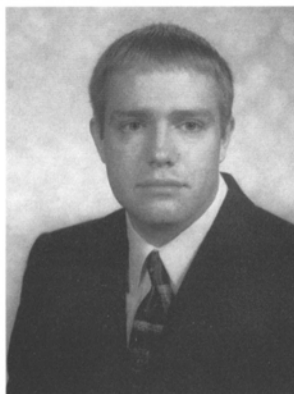
Mary Margaret Miles

Broomfield, CO
Christian Campus Fellowship;
Quadrangle Hall Association



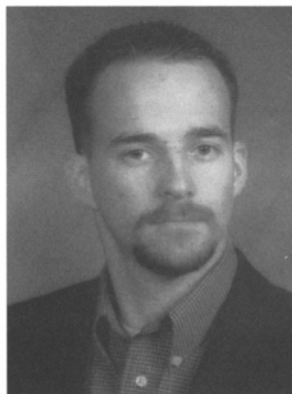
Chris Morgan

Sikeston, MO
ASCE Timber Bridge



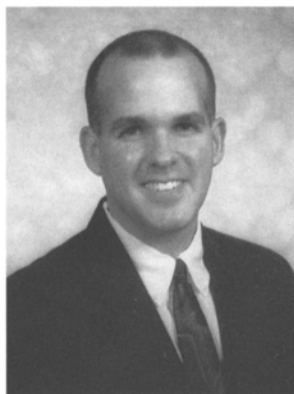
Justin Norvell

San Marcos, TX
Tau Beta Pi; Chi Epsilon; Phi Kappa Pi;
Christian Campus Fellowship



Brent Pfeiffer

Jackson, MO
Lambda Chi Alpha; Interfraternity
Council, Baby Representative of the Year;
Gamma Alpha Delta; Intercollegiate
Knights; American Society of Civil
Engineers



Sarah Phillips

Ozark, MO
ASCE Concrete Canoe; Chi Epsilon, vice-
president; Kappa Delta; American Society
of Civil Engineers



Senior Survey

What was your hardest class?

Kensey Russell: "ME 227 Thermodynamics; I am a Civil and will never use the diesel cycle."

What was your hardest class?

Brent Pfeiffer: "Soils because dirt is dirt."
Sarah Phillips: "Advanced Reinforced Concrete Design; the homework was complicated and every problem had 30 steps."

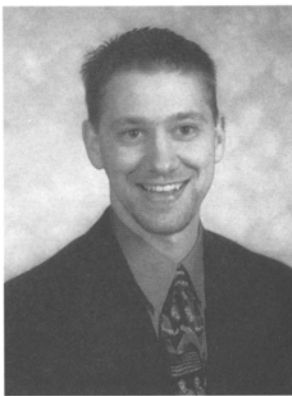
Darcey Rapp

Columbia, MO
Zeta Tau Alpha, vice president membership; Varsity Softball; American Concrete Institute; American Society of Civil Engineers



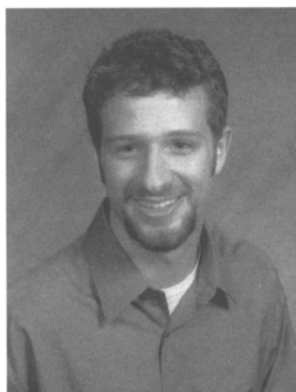
Kevin Riegel

Kansas City, MO
Sigma Phi Epsilon; Associated General Contractors; American Society of Civil Engineers



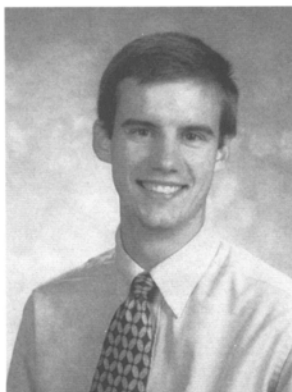
Kensey Russell

Chillicothe, MO
Chi Epsilon; Tau Beta Pi; Baptist Student Union; Rolla Public Schools Volunteer



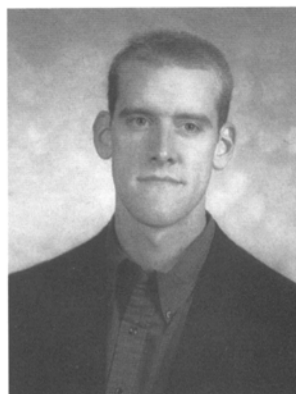
Dan Ryan

St. Louis, MO
Tau Beta Pi; Chi Epsilon; Newman Center



Joel Schmidt

Belton, MO



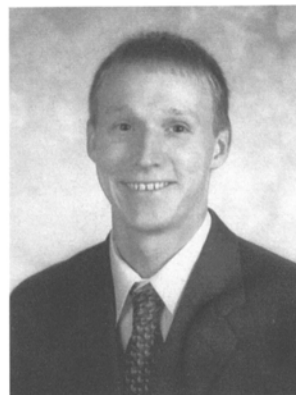
Christopher Sharp

High Ridge, MO



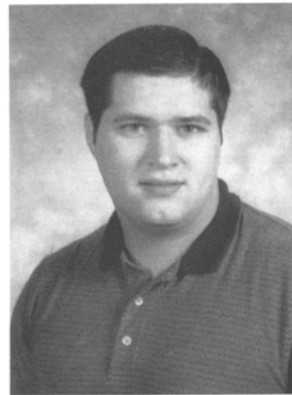
Tyler Stone

Trenton, IL
Tau Beta Pi; Chi Epsilon



Douglas H. Timmer

Mansfield, OH
Catholic Newman Center



Senior Survey

Senior Will...

Kensey Russell: "I leave my bass guitar skills to Nathan Switzner so he can continue to play bass no matter where he is."

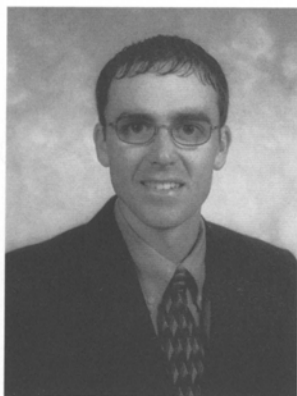
What has been your biggest change?

Joel Schmidt: "Learning to be honest to myself."

Douglas Timmer: "My social skills have improved greatly."

Nathan Tritsch

Troy, IL
Varsity Golf; Chi Epsilon; Tau Beta Pi;
Phi Kappa Phi; Phi Eta Sigma; Student
Athlete Advisory Committee; American
Society of Civil Engineers; MIAA
Presidential Scholar



Erin Wobbe

Smithton, IL



Erin Wohlrab

Salem, MO
American Society of Civil Engineers;
Concrete Canoe; Habitat for Humanity;
Water Environment Federation; Chi
Epsilon



Kristopher Wolfe

Linn, MO
American Society of Civil Engineers;
Concrete Canoe, lead engineer; American
Concrete Institute



Katherine Zwick

St. Louis, MO
Chi Omega, recruitment chair and new
member educator; Chi Epsilon; Omega
Sigma; Gamma Alpha Delta



Senior Survey

Where are you headed? Graduates of the School of Engineering share their plans for the future.

Get a job: 36%
Attend graduate school: 30%
Join the military: 3%
Don't know: 31%
n=169

Margie Dickerson, Chem. Engr.: "I'm moving to Houston, TX to work for Exxon Mobil."

Chris Behrens, Cmp. Engr.: "I'm going to grad school at Washington University."

Nancy Bergner, Elec. Engr.: "I'm going to law school to be a patent lawyer."

Nolan Finch, Mech. Engr.: "I want to attend grad school and work for Sandia National Labs."

What is your fondest memory of UMR?

Katherine Zwick: "Singing songs with my roommate and meeting my future husband."

What do you intend to forget about UMR after leaving?

Katherine Zwick: "Huge projects and smelly bars."

Chris Behrens

Wildwood, MO

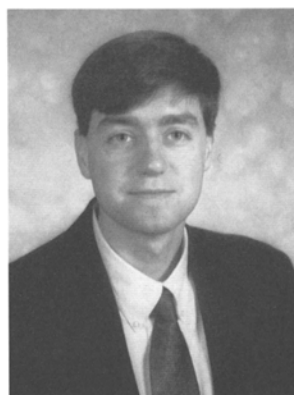
Electrical Engineering dual major; Eta Kappa Nu; Physics Learning Center Tutor; Undergraduate Research Assistant



Douglas Gray

St. Louis, MO

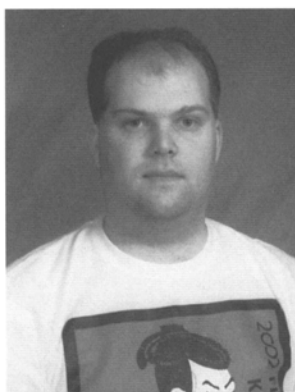
Marching Band; Renaissance Band; University Choir; Institute of Electrical and Electronics Engineers



John Grider

O'Fallon, MO

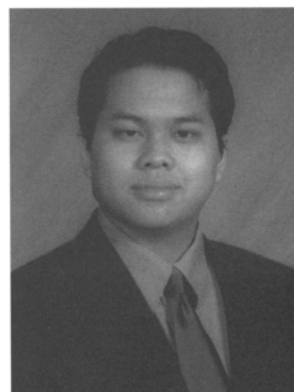
Institute of Electrical and Electronics Engineers; Honor roll student; Latter-Day Saint Student Association



Loan Hoang

Sikeston, MO

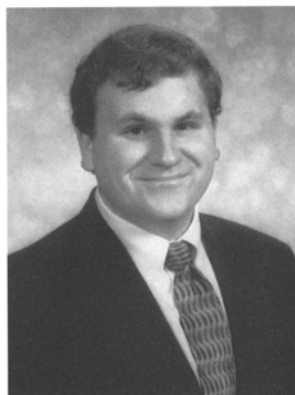
Thomas Jefferson Hall Association; Residence Hall Association; Solar Car; St Pat's Knight Candidate; Ultimate Frisbee



Charles Kastner

St. Louis, MO

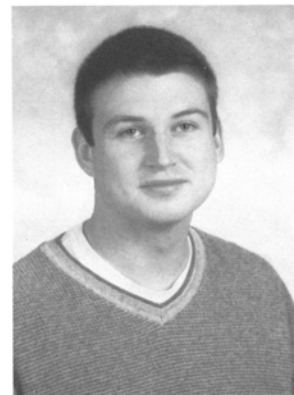
Missouri Miner; Tau Beta Pi; Quiz Bowl; Thomas Jefferson Hall Association



Jason Loeffler

St. Louis, MO

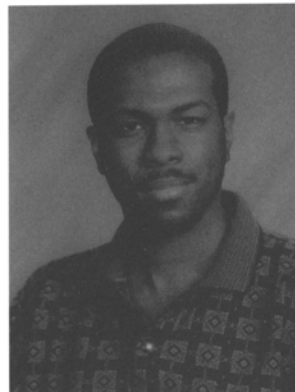
KMNR Chief Engineer



Charles E. McDonald II

East St. Louis, IL

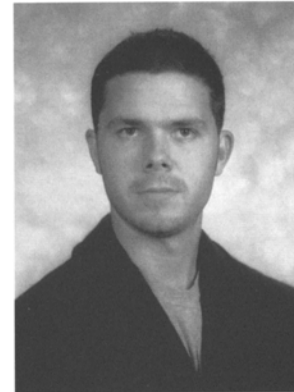
Alpha Phi Alpha; Association for Black Students; National Society of Black Engineers; VB NET Instructor



John McQueary

Springfield, MO

All-Region Soccer 2nd Team; All Region Scholar/Athlete Award; Varsity Soccer



Senior Survey

Senior Will...

John McQueary: "I leave #15 to E.J. because he is 'Mini-Mac', and 'Old Yeller' to Timmy because he is old enough to handle it."

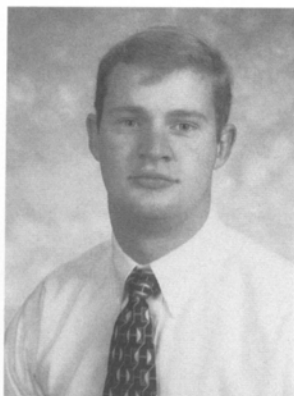
Senior Will...

Charles Kastner: "To future Missouri Miner editors: Don't destroy all the improvements we made in the last four years."

Matthew Ortvals

Taos, MO

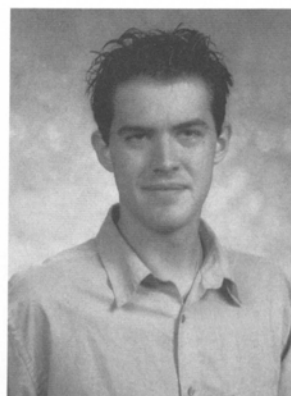
Electrical Engineering dual major; Phi Kappa Theta, treasurer, scholastics chairman, president, computer chairman; Order of Omega, treasurer



Bryce Rakop

Rolla, MO

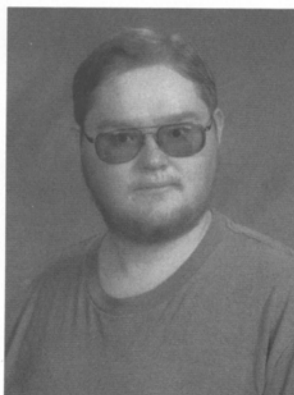
Residence Hall Association, St Pat's chair; Thomas Jefferson Hall Association, St. Pat's chair; Thomas Jefferson Hall Improvement and Retention Committee, co-chair



Benjamin Rhew

Owosso, M

Tau Beta Pi; Phi Kappa Phi



Jonathan Van Houten

Chandler, AZ

St. Pat's Board; Institute of Electrical and Electronics Engineers; Tau Beta Pi; Thomas Jefferson Hall Association; Residence Hall Association; Phi Kappa Phi



Denise Wiedermann

St. Louis, MO

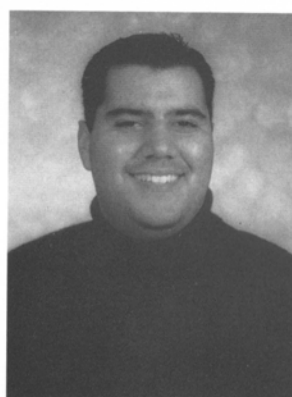
Society of Women Engineers; Institute of Electrical and Electronics Engineers, fundraising chair; Gamma Beta Sigma, webmaster, historian, fundraising chair, service chair, treasurer; Mentor



Jaime Zuloaga

Wilmington, NC

Society of Hispanic Professional Engineers



Senior Survey

Where are you headed? Graduates of the School of Mines and Metallurgy share their plans for the future.

Get a job: 23%

Attend graduate school: 49%

Join the military: 2%

Don't know: 26%

n=39

Josh Lawalin, Met. Engr.: "The only thing I know for sure is that I'll ask my girlfriend, Sara, for her hand in marriage."

Jennifer Garrison, Met. Engr.: "I'll attend grad school at the Colorado School of Mines."

Mike Droszcz, Mining Engr.: "I'm going to work for Cargill in Cleveland at a salt mine."

LeAnn Splitter, Nuclear Engr.: "I'm going to do music instead of nuclear engineering because that's what I love to do."

What is your fondest memory of UMR?

Bryce Rakop: "Sledding behind a Bug going 30 mph in the RHS parking lot."

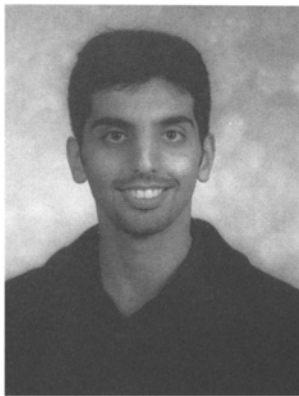
Jonathan van Houten: "Being part of St. Pat's Board."

Senior Will...

Denise Wiedermann: "I leave my best friend Chrissie Baker the big smile on my face. Keep your head up, Chrissie!"

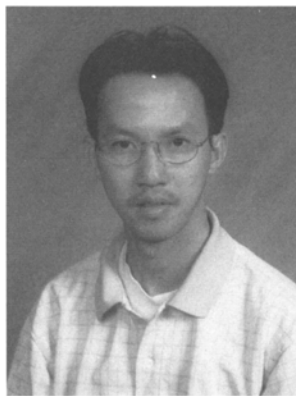
Majed Al-Mazyed

Riyadh City, Saudi Arabia
Arab Student Club, vice president;
Varsity Soccer



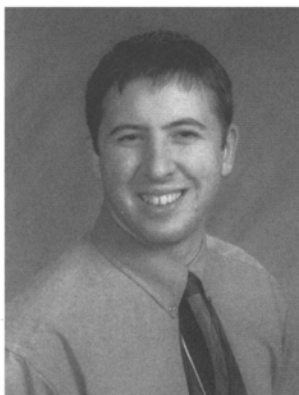
Phong D. Au

Omaha, NE
Soccer; Vietnamese Student Association



Nicholas Benavides

St. Charles, MO
Phi Kappa Theta, vice president; Phi
Kappa Phi; Institute of Electrical and
Electronics Engineers



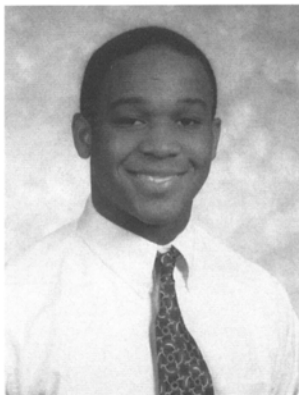
Nancy Bergner

St. Louis, MO
Chi Omega; Tau Beta Pi; Institute of
Electrical and Electronics Engineers; Eta
Kappa Nu; Kappa Mu Epsilon; Alpha
Phi Omega



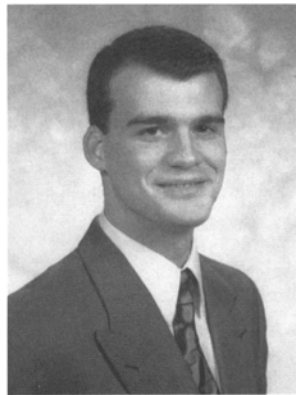
Anthony Brown, Jr.

Kansas City, MO
Tau Beta Pi; Student Council Executive
Board



Clayton Calhoun

Bois D'Arc, MO



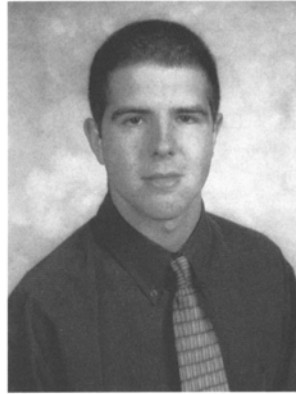
Mike Dayawon

Des Peres, MO
Cycling Club; Astronomy Club



John R. Gordon

Crescent Springs, KY
Tau Beta Pi, president; Catholic Newman
Center, vice president; MIAA Scholar
Athlete Award for tennis; Student
Ambassador; Varsity Basketball, PA
Announcer; Varsity Tennis



Senior Survey

What was your hardest class at UMR?

Anthony Brown: "Electronics I; what can be harder than analyzing a transistor circuit?"

Mike Dayawon: "Linear Systems; those mathematical theories whizzed by my head until the tenth time I read them."

What is your fondest memory of UMR?

Mike Dayawon: "Seeing the full moon through UMR's high-power telescope the night I returned from an incredible road trip with my best friends."

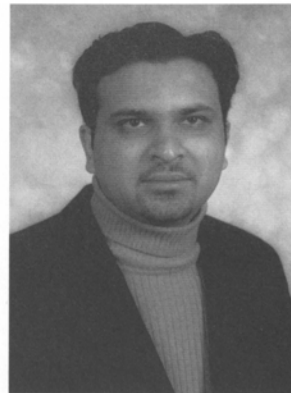
Heather C. Gravitz

Orlando, FL
Chi Omega; Air Force ROTC, inspector
general; Arnold Air Society, Air Force
pilot



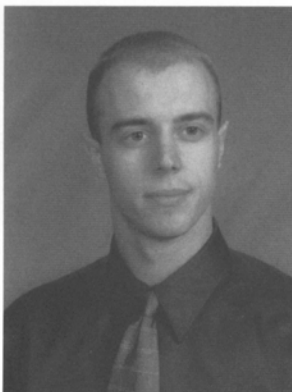
Saad Hasan

Pakistan
International Student Club; Muslim
Student Association, treasurer; Honor
roll student



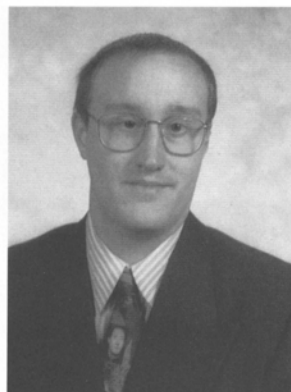
David Hendrix

St. Louis, MO
Eta Kappa Nu, treasurer and marketing
chair; Tau Beta Pi; Phi Kappa Phi;
Electrical Engineering Tutor; Volleyball
intramurals



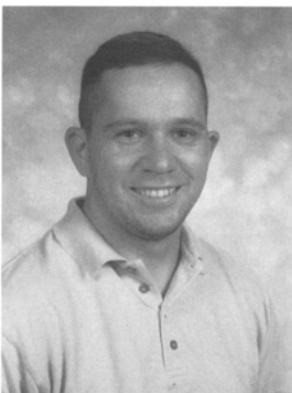
Brian Higgins

Raymore, MO
Amateur Radio Club; Collegiate Eagle
Scout Association



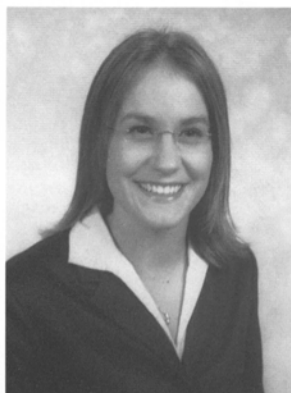
Richard P.Hill

Dixon, MO



Michele Jackson

Columbia, IL



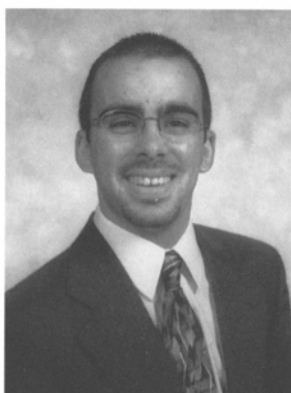
Brian Kleven

St. Peters, MO
Tau Beta Pi; Institute of Electrical and
Electronics Engineers



Keith Joseph Lococo

St. Louis, MO
Eta Kappa Nu, service and fundraising
chair; Toastmasters, secretary; Tau Beta
Pi



Senior Survey

Senior Will...

Keith Lococo: "I leave my 70's style recliner to my roommates because it is the most comfortable recliner, despite the plaid."

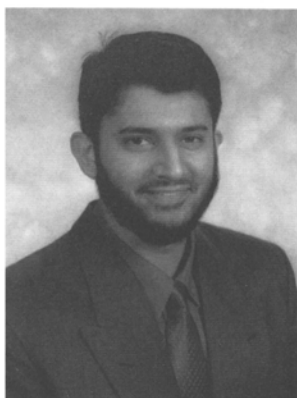
What was your hardest class?

David Hendrix: "ME 227; It's not in my major and was insanely uninteresting."

Brian Kleven: "Electromagnetics; that was my worst semester and I couldn't spend enough time on it."

Rehan Mehmood

Missouri
Muslim Student Association and Islamic
Center of Rolla-Missouri, secretary;
Senior Design Project, team leader



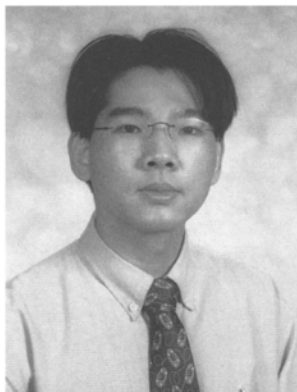
Michael Noll

St. Louis, MO
Tau Beta Pi



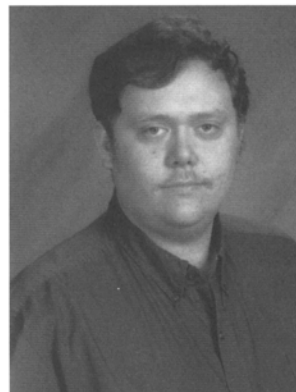
Kanapak Osiri

Bangkok, Thailand



Franklin Wesley Roberts

Ellington, MO
Baptist Student Union



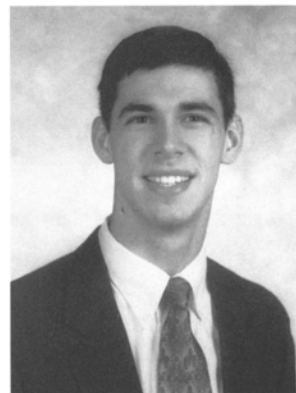
Eugene Shoykhet

St. Louis, MO
Institute of Electrical and Electronics
Engineers; Honor roll student; Amateur
Radio Club; Delta Tau Delta



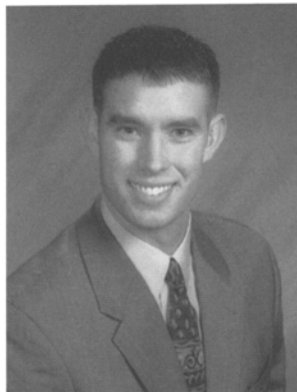
Douglas C. Sickbert

High Ridge, MO
Toastmasters



Scott Swiezynski

Wilmington, MA
Tau Beta Pi; Eta Kappa Nu; Varsity
Basketball



Scott J. Uder

Lebanon, MO
Eta Kappa Nu, secretary,
communications chair; Toastmasters,
president, sergeant at arms, web page
coordinator



Senior Survey

What was your hardest class?

Scott Uder: "ME 227; Thermodynamics is the 'stewed spinach' of all engineering courses. Everybody must try it, and most of us don't like it."

Who was your favorite professor?

Rehan Mehmood: Dr. Darrow Dawson, Elec. Engr.

Michael Noll: Dr. Todd Hubing, Elec. Engr.

Kanapak Osiri: Dr. Randy Moss and Dr. Steve Watkins, Elec. Engr.

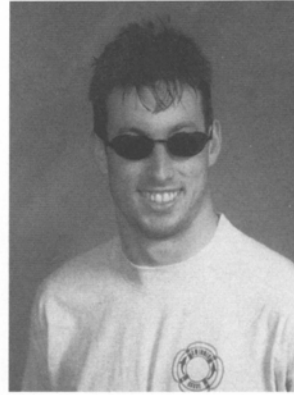
Nicole Anglin

St. Louis, MO
Delta Omicron Lambda



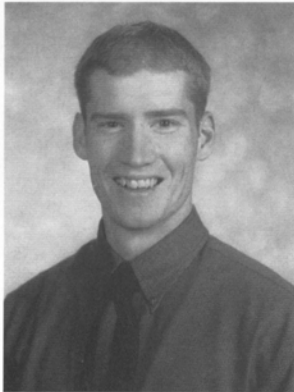
Dave Belleville

Ballwin, MO
NCAA Champion



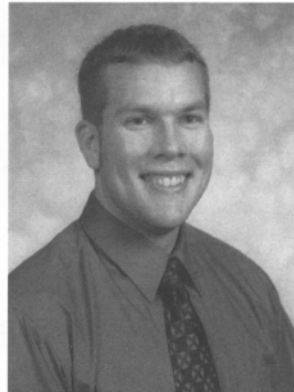
Neil Blanvelt

Conway, MO
Tau Beta Pi; Alpha Iota Delta; American Society of Engineering Management; Society of Manufacturing Engineers; Baptist Student Union; UMR College Republicans



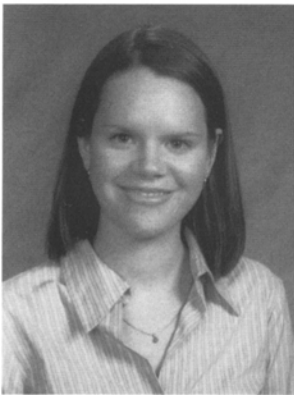
Jeremiah Bush

Albany, MO



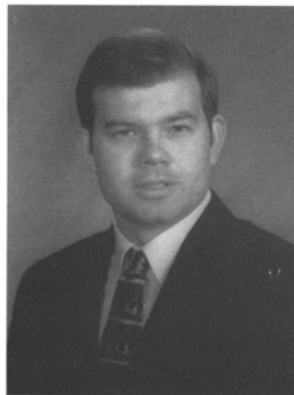
Susan Cowan

Rogersville, MO
Tau Beta Pi; American Society of Engineering Management; Chi Omega; Phi Kappa Phi



Jonathan Dobcinski

Rolla, MO



Cassandra Elrod

Rolla, MO
Kappa Mu Epsilon; Phi Eta Sigma; Alpha Iota Delta



Rachel Helser

Belfair, WA
Varsity Softball; M-club; American Society of Engineering Management; Christian Youth Counselor; Scholar Athlete Awards



Senior Survey

What was your hardest class?

Dave Belleville: "Chem 3...both times."

Mike Knittel: "Circuits, EE 281 because I ignored the prerequisite."

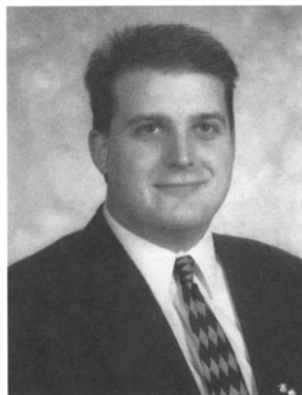
What advice do you have for underclassmen?

Kelly Reiter: "Get involved. Stay in Rolla over the weekends, go out, and have a good time. Rolla is not so bad if you have things to do and friends to do it with."

Mike Knittel

Oakville, MO

Triangle Fraternity, president, national consultant; Interfraternity Council, judicial board chairman, PR/community projects chairman, HERMES



Mecca Liddell

St. Louis, MO

National Society of Black Engineers; Association for Black Students; Voices of Inspiration; American Society of Engineering Management



Gail Lueck

St. Louis, MO

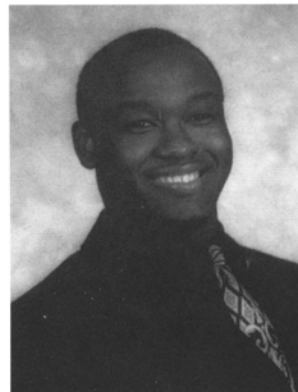
Solar Car Team, president, secretary, Sunrayce99, WSC, ASC; Apha Iota Delta, president, vice-president; Christian Campus Fellowship; Tau Beta Pi; Phi Kappa Phi; PRO Leader; Order of the Engineer; Engineering Management Honors Program; CDC Team Leader Award



Dwan Prude

East St. Louis, IL

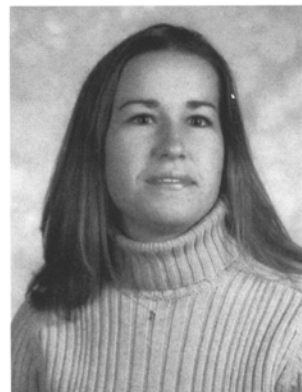
Ford Motor Campus Spirit Award; 2002 Kappa Delta Campus Man; The Black Man's Think Tank co-founder; Alpha Phi Alpha; American Society of Engineering Management; Voices of Inspiration; Resident Assistant for Voyager; Andrew Sears Award Nominee



Kelly Reiter

St. Louis, MO

Order of Omega; Lambda Sigma Pi; Gamma Beta Sigma; Habitat for Humanity; Student Union Board; Panhellenic Council



Gualberto Sanchez

Maracaibo, Venezuela

Society of Hispanic Professional Engineers, president, treasurer, alumni & company relations; International Student's Club, vice-president; Student Council; Sigma Lambda Beta International Fraternity, secretary, vice-president, president



Gretchen Schroeder

Moberly, MO

Kappa Delta; Toastmasters; Miner Marching Band, announcer; Society of Manufacturing Engineers; Sang National Anthem at UMR Basketball Games



Ozga Senoz

Missouri

Graduate Research Assistant



Senior Survey

Who was your favorite professor?

Kelly Reiter: "Dr. Stephan Raper [Engr. Man.]; he took us on several field trips so we could learn about packaging first hand and not just from a textbook."

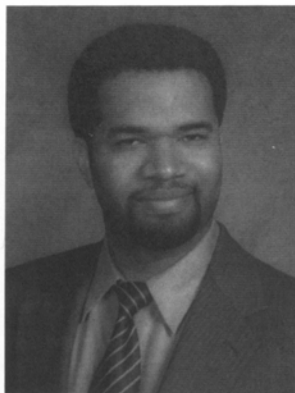
Who was your favorite professor?

Gretchen Schroeder: "Dr. Watkins. I never had him as a teacher, but he was a Toastmasters advisor so I got to know him from freshman year through graduation."

Darrick White

Missouri

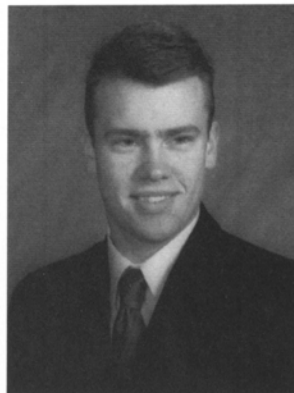
Solar House Team, vice-president;
Association for Black Students, president;
National Society of Black Engineers,
Telecommunications; American Society
of Mechanical Engineers



Jon Wies

Wentzville, MO

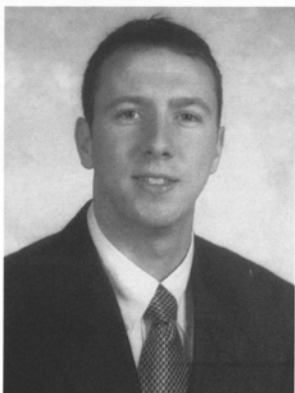
Baptist Student Union



Jeff Wood

St. Elmo, IL

Rollamo Yearbook Staff, seniors editor



Josi Wright

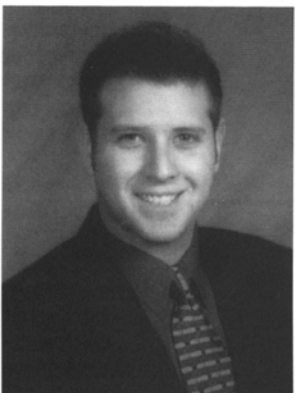
Evansville, IN

Women's Varsity Soccer, captain; Delta
Omicron Lambda, president, vice-
president; Tau Beta Pi, secretary; M-club



Matthew Aton

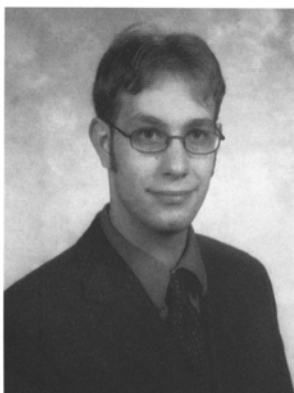
Springfield, MO



Paul Balaster

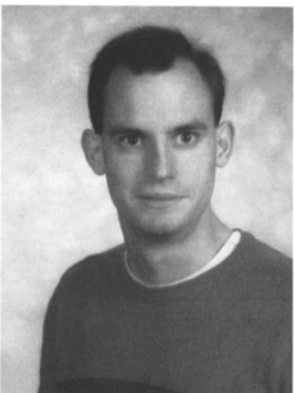
Arkansas

KMNRR; Pi Tau Sigma; General
Delegation of Independents



Jason Banaskavich

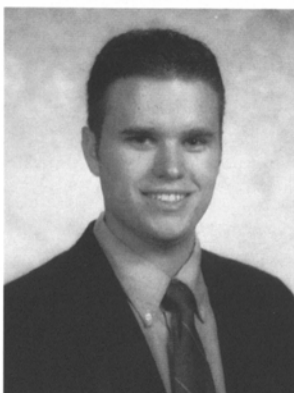
St. Louis, MO



Jeremy Bolin

Mt. Vernon, MO

Air Force ROTC; American Society of
Mechanical Engineers; Tau Beta Pi



Senior Survey

Who was your favorite professor?

Jon Wies: Mr. Donald Higginbotham, Engr.
Man.

Jeff Wood: Col. Tom Akers, Math

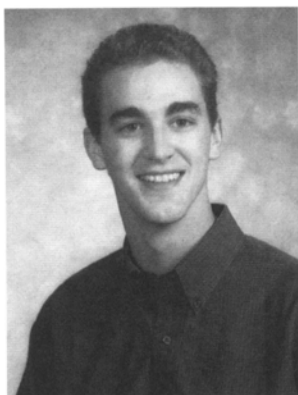
Paul Balaster: Dr. Al Crosbie, Mech. Engr.

Senior Will...

Jon Wies: "To my roommate, I leave tact.
Just because something is true doesn't mean
you can say it."

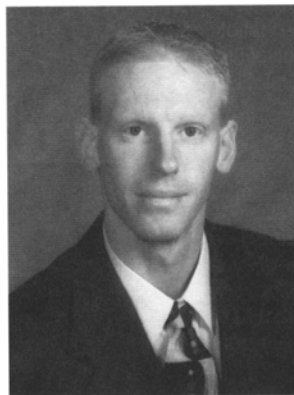
Scott Brodersen

Florence, MO
American Society of Mechanical Engineers; Academy of Model Aeronautics; Rolla Modelers Association



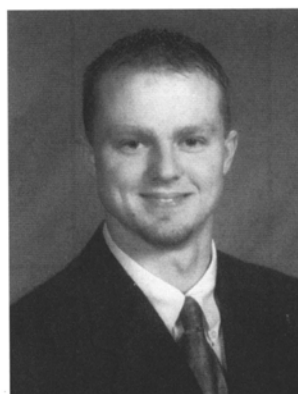
Gabriel Converse

Harveyville, KS
Varsity Baseball



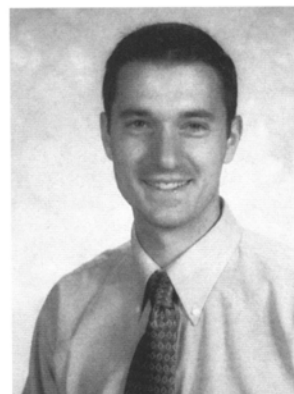
Jonathan Crahan

Carthage, MO
Intramural sports; COOP with American Airlines



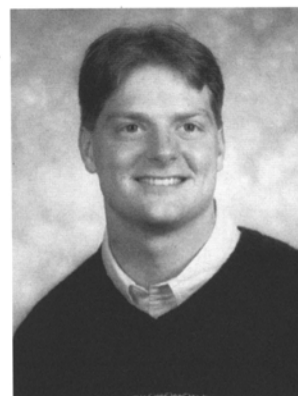
Marc A. Davis

Moberly, MO
Formula SAE



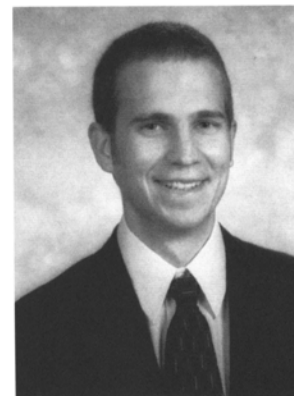
Joseph M. Dersch

St. Charles, MO
Varsity Football; Sigma Chi; Kappa Delta
Campus Man; BE20 Technical Assistant



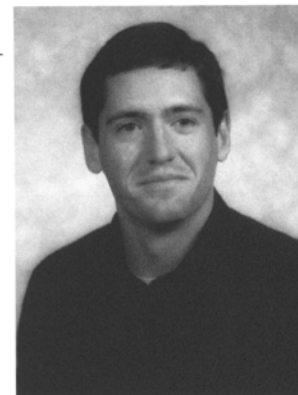
James Dropinski

Omaha, NE
KMNR; Student Ambassador



Nolan Finch

Dryhump, OK
Tau Beta Pi; Phi Kappa Phi; Varsity Baseball; LEAD Peer tutor



Laura Isabelle Fisher

Kirkwood, MO
Zeta Tau Alpha, honor pledge, executive council, Founder's award; Panhellenic Council, president, Boo Evebman Award; Lambda Sigma Pi, president; Order of Omega, president



Senior Survey

What is your fondest memory of UMR?

Jonathan Crahan: "Playing intramural sports with the 187's, and graduation."

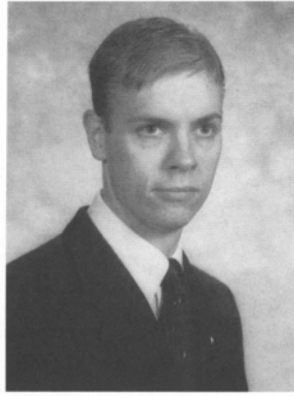
James Dropinski: "The great times I spent with my friends and Friday night poker."

Senior Will...

Laura Fisher: "I leave my craziness and klutzy behavior to Amy Bone. She has part of the crazy already, but everyone needs more!"

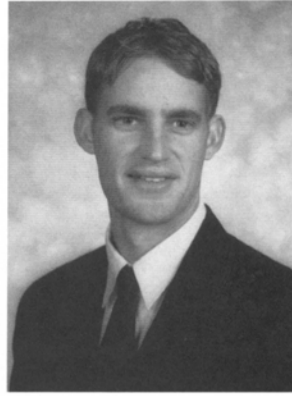
Jonathan Gettinger

St. Genevieve, MO
American Society of Mechanical Engineers, president, vice president, treasurer; Pi Tau Sigma, Best Plaque award



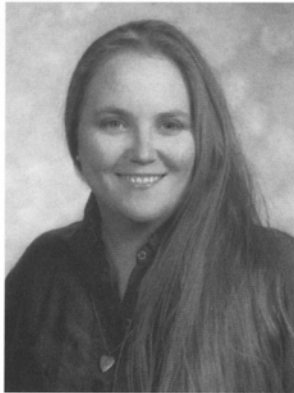
Corey Hewitt

Overland Park, KS



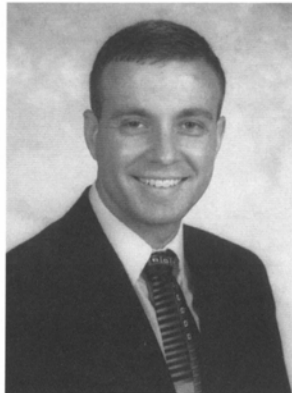
Tracy Hockenhull

St. Louis, MO
Pi Tau Sigma; Tau Beta Pi



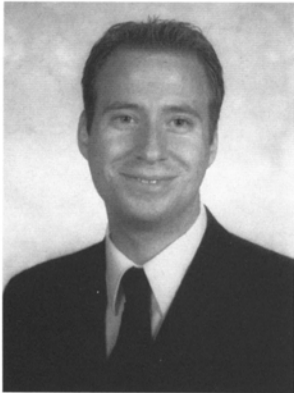
Gerald Jackson

Albuquerque, NM
Ultimate Frisbee



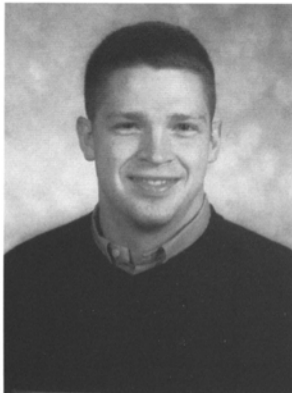
Matthew James

Belleville, IL



Jess Kauffman

Harrisonville, MO
Varsity Football; Sigma Chi, president, treasurer, historian, public relations, campus relations, beverage chair, Peterson National Award chair; Formula SAE; American Society of Mechanical Engineers



Brian Kekec

Jefferson City, MO
Varsity Baseball, team captain; Phi Eta Sigma; M-Club; American Society of Mechanical Engineers



Kerry Krus

St. Louis, MO
Chi Omega; Pi Tau Sigma; American Society of Mechanical Engineers



Senior Survey

What was your hardest class?

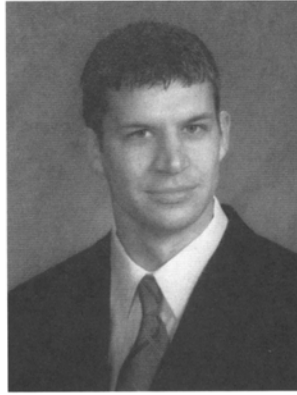
Jonathan Gettinger: "Matrix Algebra; both my arms were broken. Ouch."

Senior Will...

Matthew James: "I leave behind my 10-Liter replica plastic beer bottle that is three-fourths full of beer tabs. It will stand as a reminder to have a good time."

John Lackman

Hermann, MO
Sigma Pi



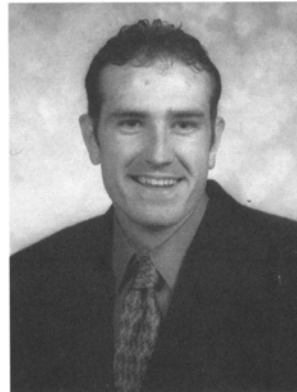
Sarah Massie

Paducah, KY
Chi Omega; American Society of
Mechanical Engineers; Omega Sigma



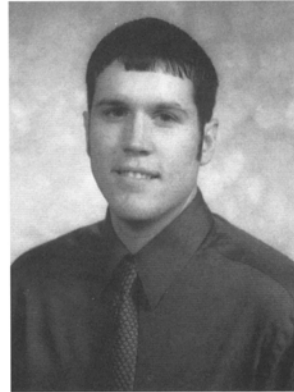
James McGuire

Lebanon, MO
Baptist Student Union



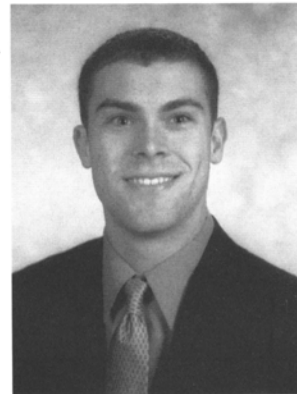
Justin McMenemy

Missouri
Scholar Athlete



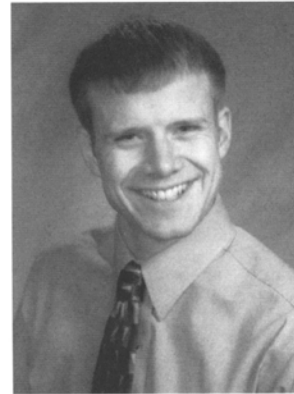
Jeff Meyers

Moberly, MO
Tau Beta Pi; American Society of
Mechanical Engineers; National Society
of Professional Engineers



Garrett Miles

St. Louis, MO
Christian Campus Fellowship



Carl Miller

Farmington, MO



Claudia P. Mojica

Monterrey N.L., Mexico
Tau Beta Pi



Senior Survey

Senior Will...

Jess Kauffman: "I leave my ability to be level-headed in times of stress, and my Duff beer mug."

Who was your favorite professor?

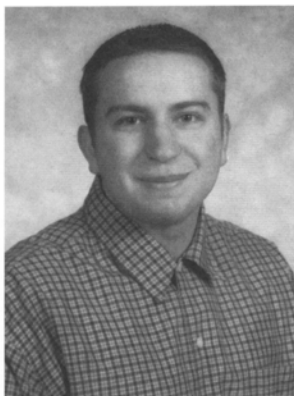
John Lackman: Dr. Hai Tsai, Mech. Engr.

Sarah Massie: Dr. Dwight Look, Mech. Engr.

Jeff Meyers: Dr. Keith Nisbett, Mech. Engr.

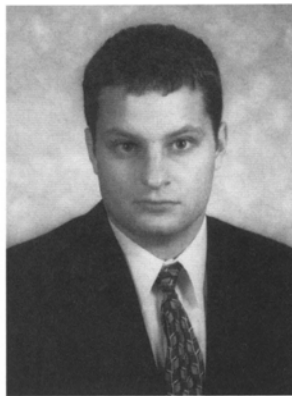
Jesse Oberbeck

Phillipsburg, MO
Intramural sports; Baptist Ball



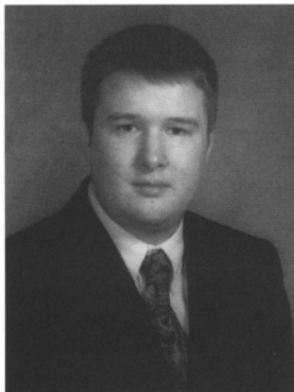
Richard Ormsby

Florissant, MO
Lacrosse Club Founder



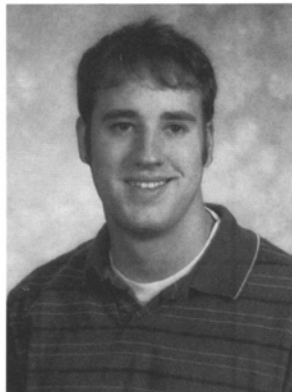
Josh Peterson

Ferguson, MO
Christian Campus Fellowship; Pi Tau Sigma



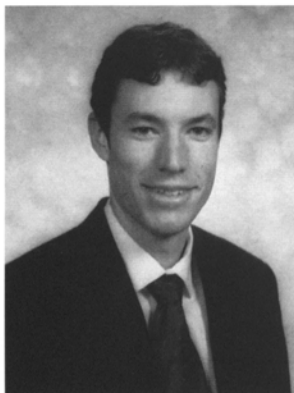
Jeffrey Raggett

Collierville, TN
Varsity Swim Team; Tau Beta Pi; Pi Tau Sigma; M-Club



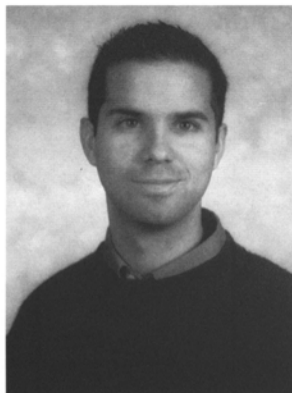
Greg Rieker

Lakewood, CO



Tiago Da Rocha

Campinas, Sao Paulo, Brazil
Alpha Epsilon Pi; Tau Beta Pi; Phi Kappa Phi



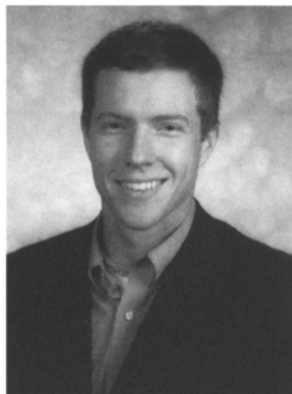
Laura Schreiter

St. Peters, MO
Student Council; Society of Women Engineers; Daughters of the Emerald; General Delegation of Independents



Mark Schrewe

St. Louis, MO



Senior Survey

What is your fondest memory of UMR?

Josh Peterson: "Sticking Dink's shoes to the ceiling for a week."

Laura Schreiter: "St. Pat's, St. Pat's, St. Pat's!"

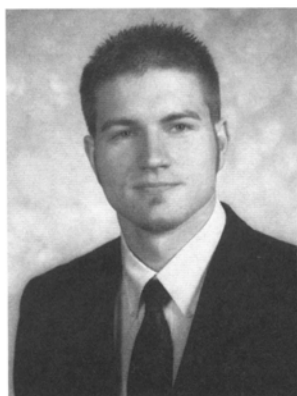
Senior Will...

Tiago da Rocha: "I leave Ramen noodles-- they're good, cheap, and fill you up when you're studying late."

Paul Scott

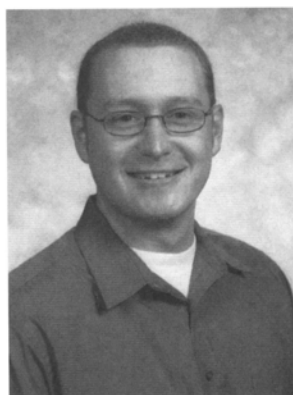
Foley, MO

Christian Campus Fellowship; Formula
SAE



Jason Sidwell

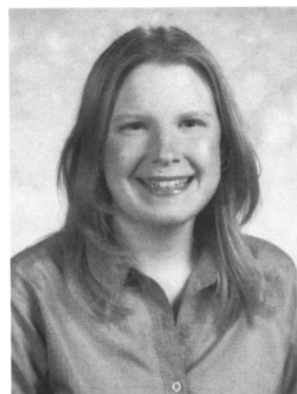
Rolla, MO



Alison Sievers

Highland, IL

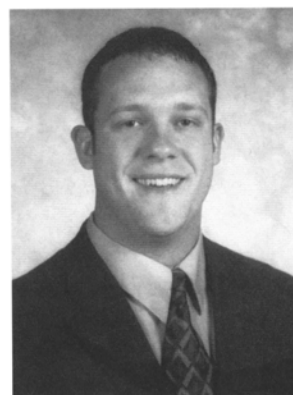
Kappa Delta; Tau Beta Pi; Pi Tau Sigma;
Gamma Alpha Delta; Grotto Mug Club;
Phi Kappa Phi



Ryan Stockamp

Macon, MO

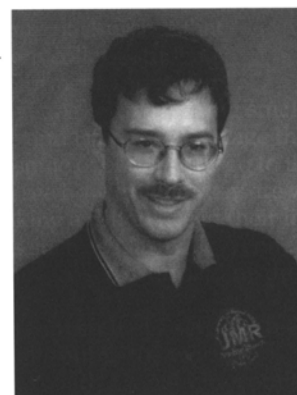
Pi Kappa Alpha; Order of Omega;
American Society of Mechanical
Engineers; Alpha Phi Omega



Henry Suter

Bowling Green, MO

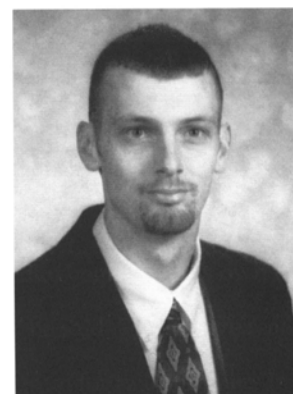
Student Council, executive committee;
Advanced Aero-Vehicle Group; Triangle;
Pi Tau Sigma; Circle K; Lutheran
Student Fellowship; Geronimo
Skydiving, manager



Jamie VanDyke

Lake Ozark, MO

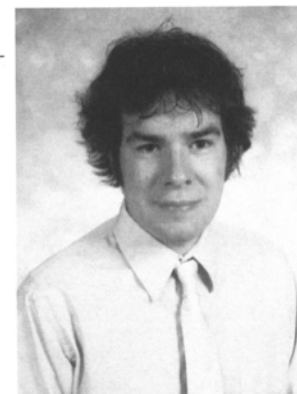
Pi Tau Sigma



Kurt Wagner

St. James, NY

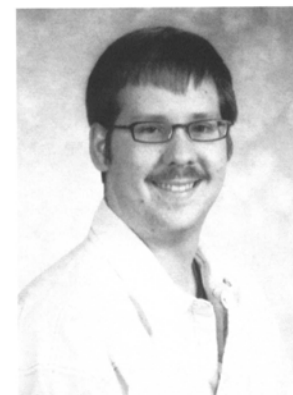
KMNr, American Society of
Mechanical Engineers



Carlton Washburn

Decatur, IL

Dean's List



Senior Survey

Senior Will...

Henry Suter: "I leave my car; it's a junker and I'll be buying a new one soon."

Carlton Washburn: "I leave my studliness to Chris McGuire."

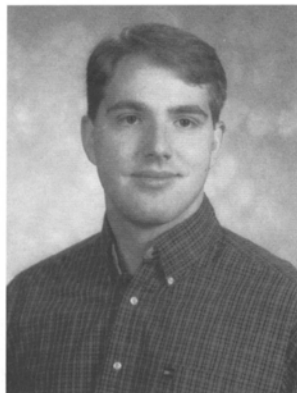
What is your fondest memory of UMR?

Henry Suter: "Seeing the AAVG airplane fly."

Justin Bechtel

Lincoln, NE

Residence Hall Association, co-chair;
Quadrangle Hall Association, president;
Omicron Delta Kappa; St. Pat's Knight



Sarah Cupps

Cassville, MO

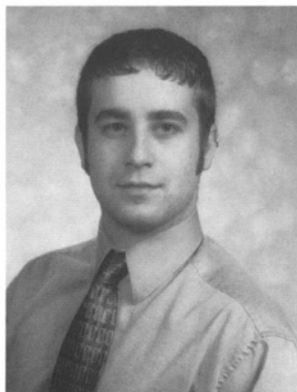
Keramos; American Ceramic Society



Brian Johnson

Rapid City, SD

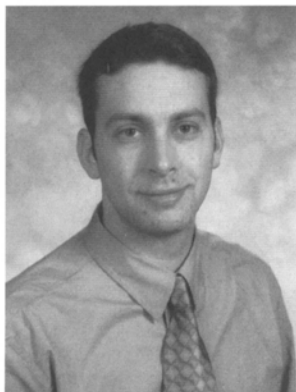
Residence Hall Association; Keramos;
American Ceramic Society; Davinci
Society



Brett Scarfino

Florissant, MO

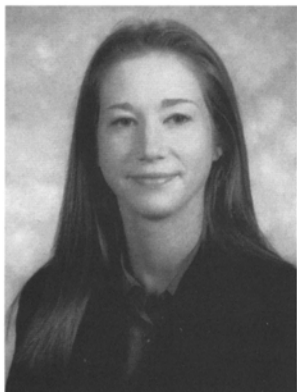
American Ceramic Society; Keramos



Laura Schoenbeck

Webster Groves, MO

Chi Omega; Panhellenic Council; Order
of Omega; Blue Key; Student
Ambassador; Keramos; American
Ceramic Society; Student Council; Phi
Eta Sigma



Laura Talley-Brenneka

Joplin, MO

American Ceramic Society; Chi Omega;
Omega Sigma; UMR Theatre; UMR
Symphony Orchestra



Natalie Vanderspiegel

Richton Park, IL

Keramos; American Ceramic Society;
New Student Mentor; Daughters of the
Emerald



Amanda Young

Godfrey, IL

Keramos; American Ceramic Society



Senior Survey

What was your hardest class and why?

Justin Bechtel: "Physical Chemistry because we had to use thermo before we learned it."

Laura Talley-Brenneka: "Mechanics of Materials because I just couldn't get it!"

Who was your favorite professor?

Sarah Cupps: Dr. Gregory Hilmas, Cer. Engr.

Brett Scarfino: Dr. Scott Miller, Mett. Engr.

Amanda Young: Dr. Gregory Hilmas, Cer. Engr.

Amy DeGrendele

St. Charles, MO

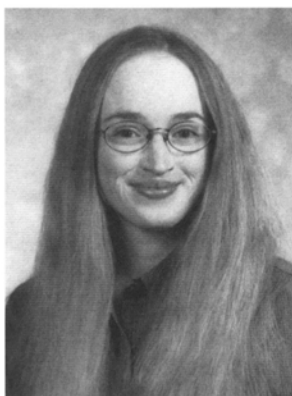
Association of Engineering Geologists;
Sigma Gamma Epsilon; Habitat for
Humanity; Theta Eta Sigma;
Intramural supervisor and official;
Student Recreational Center worker



Gretchen Gawer

St. Charles, MO

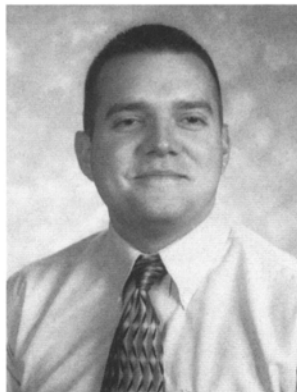
Missouri Miner, Editor-in-Chief; Blue
Key; Tau Beta Pi; Kappa Delta



Kevin James

Gravette, AR

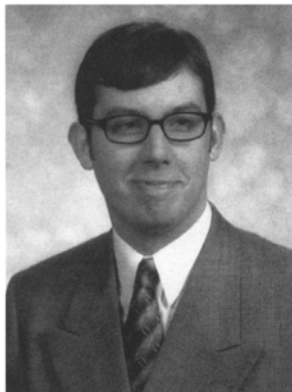
Sigma Gamma Epsilon, president,
secretary; Thomas Jefferson Hall
Association



Todd Joslin

St. Louis, MO

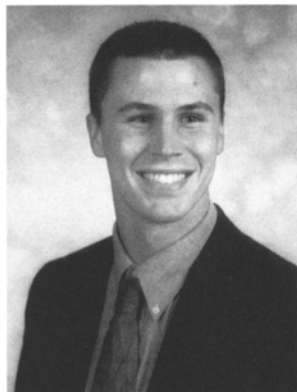
Sigma Gamma Epsilon; Association of
Engineering Geologists, vice president,
treasurer; Quadrangle Hall Association



Craig K. Kaibel

Troy, MO

Tau Beta Pi; Sigma Gamma Epsilon; Phi
Kappa Theta; Phi Kappa Phi; Phi Eta
Sigma



Sarajane Bailey Kroupa

Valley, NE

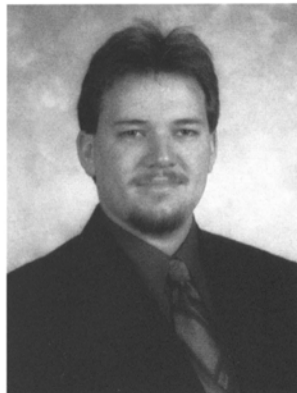
Association of Engineering Geologists



Michael Miller

Omaha, NE

Student Union Board, treasurer, vice
president, concerts director; Thomas
Jefferson Hall office manager;
Residential Life Judicial Board, co-chair



Matt Schlegel

Roeland Park, KS

Sigma Gamma Epsilon, vice president,
president; Phi Kappa Phi; Association of
Engineering Geologists; Thomas
Jefferson Residence Hall Association;
Residence Hall Association Judicial
Board, co-chair



Senior Survey

Senior Will...

Sarajane Kroupa: "My Grotto job to Rob
Dannenmueller. It's a good time."

Matt Schlegel: "My couch to Lyle for his
room when he finally graduates."

Who was your favorite professor?

Kevin James: Col. Tom Akers, Math

Craig Kaibel: Dr. Dale Elifrits, Geo. Engr.

Michael Miller: Dr. Lance Williams, History

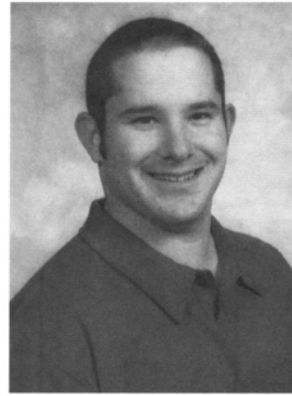
Erin Sommers

Wardsville, MO
Sigma Gamma Epsilon, vice president;
Catholic Newman Center



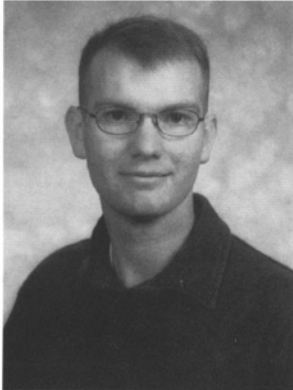
Ryan P. Stack

St. James, MO



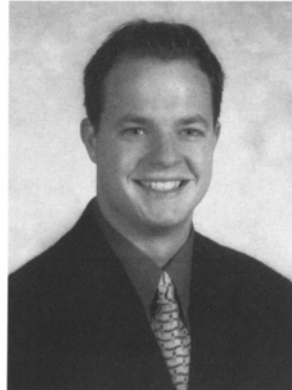
Josh Steele

North Henderson, IL
Army ROTC



Timothy Michael Thomason

Sikeston, MO
Delta Tau Delta; Interfraternity Council;
Association of Engineering Geologists



Amelia Toellner

Bunceton, MO
Association of Engineering Geologists,
secretary, 2nd vice president; Sigma
Gamma Epsilon, president; Residence
Hall Association



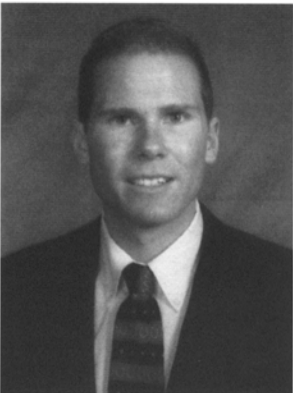
Jennifer Triplett

Guthrie, OK
Blue Key; Softball; Phi Kappa Phi; Sigma
Gamma Epsilon; Chi Omega; Lambda
Sigma Pi; M-Club; Tau Beta Pi; Phi Eta
Sigma; Rolla Public Schools tutor



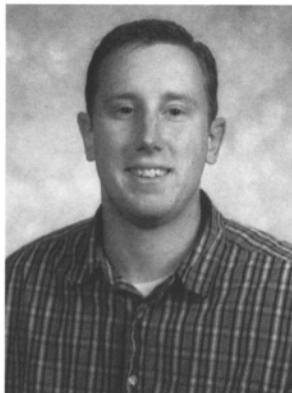
Conor Watkins

Ballwin, MO
Economics dual major; Chancellors
Leadership Class; Honor roll student;
Association of Engineering Geologists,
president; Sigma Gamma Epsilon; Tau
Beta Pi; Arts Rolla Award



Brad Burton

Newton, KS
Scholar Athlete; Baseball player; Sigma
Gamma Epsilon, co-chair public
relations



Senior Survey

What is your fondest memory in of UMR?

Ryan Stack: "The toughness of UMR, and the feeling of achievement."

Conor Watkins: "The many dedicated professors I have had."

Who was your favorite professor?

Erin Sommers: Dr. Robert Davis, Basic Engr.

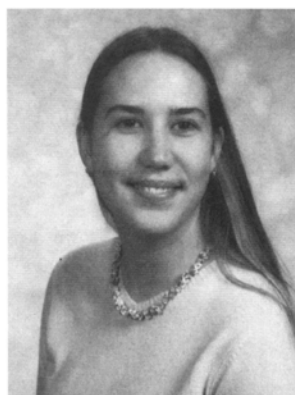
Amelia Toellner: Dr. David Rogers, Geo. Engr.

Brad Burton: Dr. John Hogan, Geology

Courtney Busse-Jones

Sullivan, MO

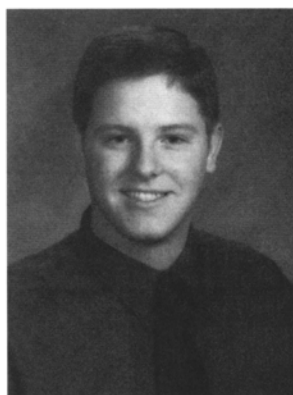
CL Dake Society, American Association of Petroleum Geologists, Geological Society of America, Sigma Gamma Epsilon, Theta Eta Sigma



Nicholas Gregg

Rolla, MO

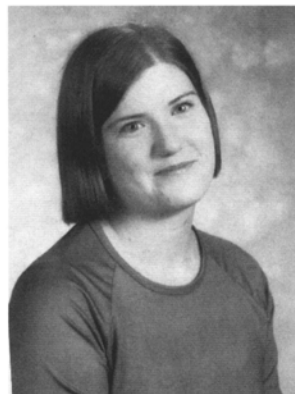
McNutt Scholar, Society of Exploration Geophysics Scholar, Marathon Oil Scholar, Radcliffe Foundation Scholar, Pi Kappa Phi



Amanda Tallman

O'Fallon, IL

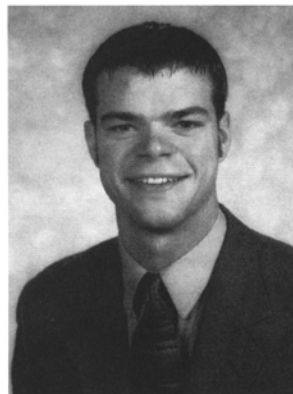
Panhellenic Council, Gamma Beta Sigma, Delta Omicron Lambda, Gamma Alpha Delta, Student Mentor



Patrick Umphenour

St. Charles, MO

Phi Kappa Theta, excel council, social chairman, intramurals; STUCO; Order of Omega; Geology Club; CL Dake Society; Sigma Gamma Epsilon; Alpha Phi Omega



Alicia Cobb

Gladewater, TX

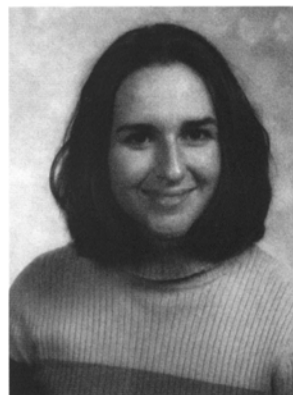
Chi Omega, senior of the year; Alpha Sigma Mu; American Foundry Society; Foundry Education Foundation; Honor roll student; Minerals, Metals, and Materials Society; Phi Kappa Phi; Varsity Track and Field



Jennifer Garrison

Gladstone, MO

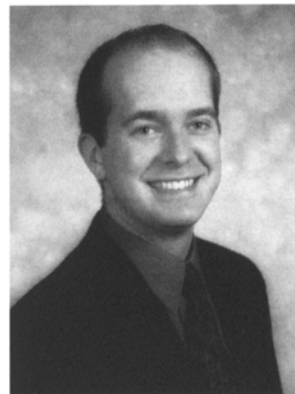
Cross Country; Track and Field; Tau Beta Pi; M-Club; Alpha Sigma Mu; Iron and Steel Society; American Society for Metals International; Minerals, Metals, and Materials Society



Josh Lawalin

Tell City, IN

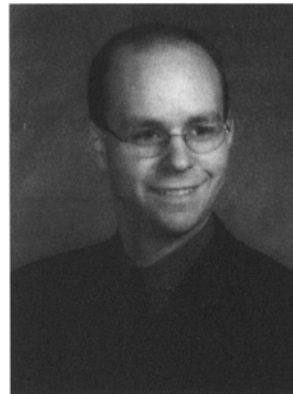
Acacia, treasurer, junior dean, steward; Alpha Sigma Mu, vice president; Alpha Chi Sigma; American Society for Metals International; Minerals, Metals, and Materials Society; Phi Eta Sigma; Student Council, marketing committee; Master Student Fellowship Scholar



James Reck

Beaumont, TX

Aikido Club; Juggling Club; Tau Beta Pi; Phi Kappa Phi; Alpha Sigma Mu; American Society for Metals International; Minerals, Metals, and Materials Society; Foundry Education Foundation



Senior Survey

What are your plans for the future?

Nicholas Gregg: "Graduate School."

Josh Lawalin: "To keep up the job search and to ask my girlfriend of four years for her hand in marriage."

Who was your favorite professor?

Courtney Busse-Jones: Dr. David Wronkiewicz, Geology

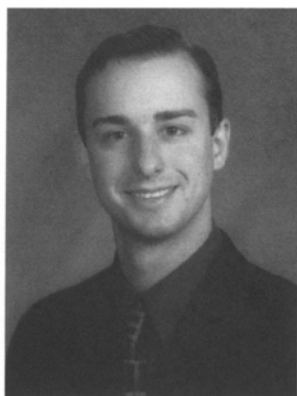
Amanda Tallman: Col. Tom Akers, Math

Alicia Cobb: Dr. Kent Peaslee, Met. Engr.

Martin A. Rust

Villa Ridge, MO

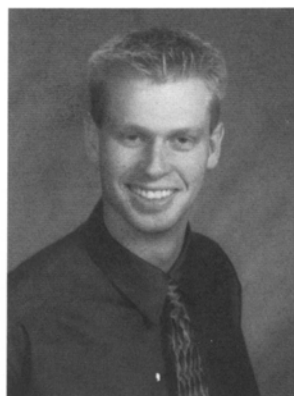
Student Union Board; Student Council; American Society for Metals International; Minerals, Metals, and Materials Society; Iron and Steel Society; Alpha Sigma Mu; Tau Beta Pi; Omicron Delta Kappa; Phi Kappa Phi; Common Call Campus Ministry; Da Vinci Society



John Scott

St. Louis, MO

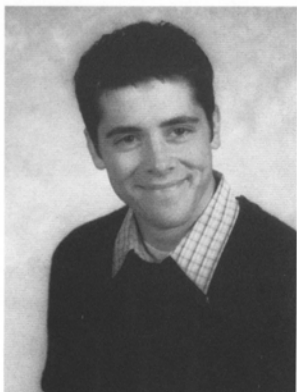
Baptist Student Union, worship team leader; Intramural sports



Nicholas Blanco

Princeton, IL

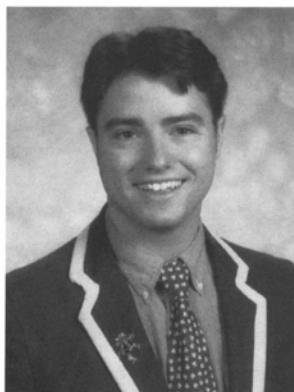
Student Council; Student Union Board; Student Activity Fee Board; Society of Mining Engineers; KMNR



Jason Conway

Peculiar, MO

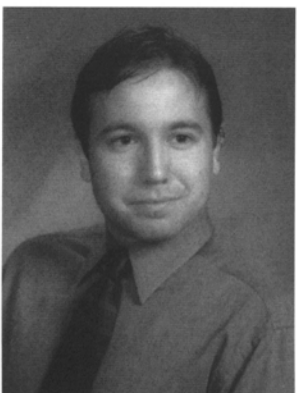
Kappa Alpha Order; Lacrosse; KMNR, DJ; Gamma Alpha Delta; Sigma Gamma Epsilon; Order of Omega; Society of Mining Engineers



Mike Droszcz

Crystal Lake, IL

Varsity Tennis; Lambda Chi Alpha; Society of Mining Engineers; Missouri Miner



Kasi Johnson

Republic, MO

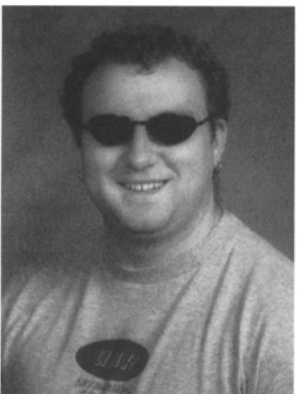
Mine Rescue Team; Society of Mining Engineers; National Sand, Stone, and Gravel Association; Women in Mining; Kappa Delta



Brennan Laird

Evergreen, CO

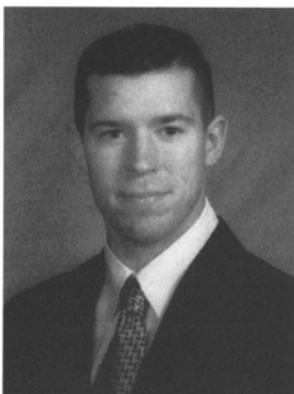
Roman Week; Lacrosse



Curt Andrew Ledbetter

Chillicothe, MO

Varsity Baseball; Rugby; Society of Mining Engineers; National Sand, Stone, and Gravel Association, president; Sigma Pi



Senior Survey

Senior Will...

John Scott: "A dozen eggs to Nathan Newman for local use."

Nicholas Blanco: "To all future DJ's of KMNR, take care of our station!"

Who was your favorite professor?

Martin Rust: Dr. Dave Van Aken, Met. Engr.

Mike Droszcz: Dr. Robert Grayson, Mining Engr.

Kasi Johnson: Dr. Derek Apel, Mining Engr.

Virginia Cleary

Avilla, MO

UMR Theatre; UMR Bowling League;
American Nuclear Society; Alpha Nu
Sigma; Omicron Delta Kappa



Jane Diecker

St. Louis, MO

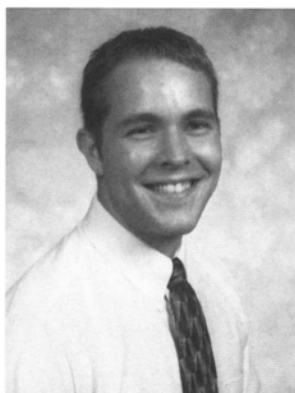
Chi Omega, president; Panhellenic
Council, treasurer; Blue Key, treasurer;
American Nuclear Society, secretary;
Omega Sigma



Micah Hackett

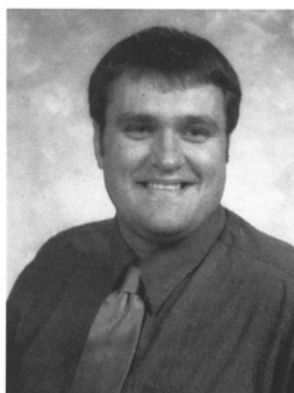
Marysville, OH

Freshman Chemistry Award;
International Mathematics Competition
Meritorious Award; Christian Campus
Fellowship; American Nuclear Society



Eric Rosener

Jackson, MO



LeAnn Splitter

Springfield, MO

Miner Marching Band, rank leader;
Symphonic Band, principle trumpet;
Orchestra, principle trumpet; Jazz
Ensemble; Trumpet Choir; Pep Band;
Musical Pit Orchestra; World's Finest
Rolla German Band; Colts Drum and
Bugle Corps, soprano bugle; Tau Beta
Sigma, secretary; American Nuclear
Society; Alpha Nu Sigma; Tau Beta Pi



Julie Tucker

Pleasant Hill, MO



Tiffany Myers

Topeka, KS

Society of Petroleum Engineers;
American Indian Society of Engineering
Science; Pi Epsilon Tau



Senior Survey

What are your plans for the future?

Micah Hackett: "Graduate school at the University of Michigan."

LeAnne Splitter: "I'm going to do music instead of Nuclear Engineering because that's what I love to do."

What was your hardest class?

Tiffany Myers: "Physics 23; Dr. Beinik was hard but it turned out to be one of my most favorite classes."

1967 STRAUMANIS HALL CONSTRUCTED. IT WAS NAMED AFTER DR. MARTIN STRAUMANIS IN 1978. IT WAS ORIGINALLY THE ELECTROCHEMICAL LABORATORY, AND IS NOW THE MATERIALS RESEARCH LAB.

1967 CURTIS LAWS WILSON LIBRARY CONSTRUCTED. IT WAS BUILT ON THE GROUNDS ON WHICH THE ORIGINAL JACKLING GYMNASIUM STOOD.

1969 GALE BULLMAN MULTIPURPOSE BUILDING CONSTRUCTED. THE STUDENT REC AREA WAS ADDED IN 1995.

1971 HUMANITIES AND SOCIAL SCIENCE BUILDING CONSTRUCTED.

1971 COMPUTER SCIENCE BUILDING CONSTRUCTED.

1971 ENGINEERING RESEARCH LAB BUILT. UPDATES WERE MADE BETWEEN '86-'89.

1972 UNIVERSITY CENTER - EAST BUILT. IT WAS RENOVATED IN 1983. THE PUCK WAS ALSO ADDED IN 1972.

1985 UNIVERSITY ACQUIRED THE BUILDING THAT ONCE HOUSED KEY SPORT AND SOUNDTRACKS, CONVERTING IT TO THE STUDENT PUBLICATIONS CENTER IN 1998. IN 2003, STUDENT HEALTH SERVICES MOVED IN THE BUILDING DUE TO CONSTRUCTION FOR THE HAVENER CENTER.

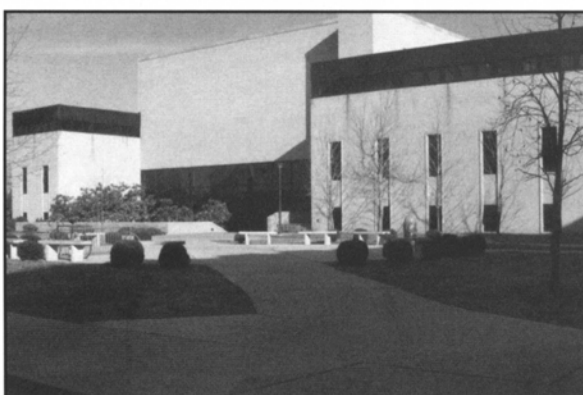
1987 V.H. McNUTT HALL CONSTRUCTED. IT BECAME FOR EARTH SCIENCES AND THE SCHOOL OF MINES AND METALLURGY.



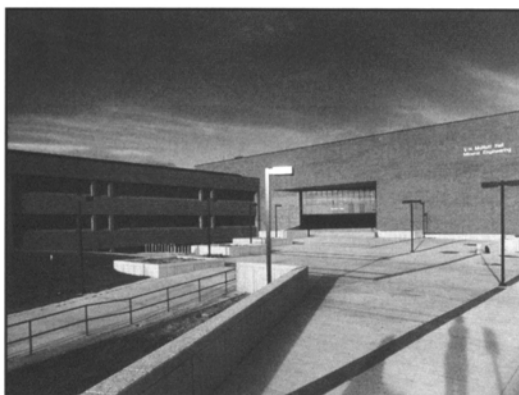
Left. Rayl Cafeteria shortly after its completion in 1958 (see page 7). The "Quad" buildings were named after Thomas W. Kelly, John M. McAnerney, William Altman, William Farrar, and John W. Rayl. Another dorm was added in the 1965-1966, named after Orvid J. Holtman.



Left. Gale Bullman, who served as head football coach and later athletic director. Starting at MSM in 1937 after earning a law degree from Washington University, he went by Gale rather than Coach. He often let financially strained student-athletes live in Jackling Gymnasium.



Left. A year after becoming a full-fledged department, Computer Science moved from the basement of Harris Hall to a new building. Among the early pieces of equipment were an IBM 360 CPU, several key-punching machines, and thousands of punch cards.



Left. V.H. McNutt Hall was named after Vachel Harry McNutt, who earned B.S. and M.S. degrees at MSM in 1910 and 1912, respectively. He later taught petroleum geology at MSM, and made important oil and potash discoveries in the 1920's.

1988

ENGINEERING MANAGEMENT BUILDING CONSTRUCTED. E. MAN. INCLUDED THE ADVANCED TECHNOLOGY CLASSROOM, ONE OF THE FIRST MULTIMEDIA CLASSROOMS IN THE COUNTRY.

1991

CASTLEMAN HALL CONSTRUCTED AS A PERFORMING ARTS CENTER. IT WAS NAMED AFTER DONALD L. CASTLEMAN, THE PRESIDENT AND CHAIR OF PHELPS COUNTY BANK AT THE TIME, WHO PLEDGED FUNDS FOR CONSTRUCTION.

1994

THE UNIVERSITY ACQUIRED A BUILDING FOR KMNR, THE STUDENT-RUN RADIO STATION. THE BUILDING WAS CONSTRUCTED IN 1959.

1994

DELTA ROUNDHOUSE KITCHEN BUILDING ACQUIRED. IT WAS ALSO USED AS AN ACADEMIC ENHANCEMENT CENTER AND A TEMPORARY OFFICE FOR THE ROLLAMO YEARBOOK.

1996

SWB MULTICULTURAL CENTER ESTABLISHED IN AN EXISTING BUILDING, CONSTRUCTED IN 1963.

1997

STUDENT DESIGN COMPETITION CENTER ESTABLISHED IN AN EXISTING BUILDING, CONSTRUCTED IN 1988.

2002

GROUND BROKEN FOR HAVENER CENTER ON OCTOBER 11.

2003

GROUND BROKEN FOR RESIDENTIAL COLLEGE ON APRIL 25.

HISTORICAL PHOTOS
COURTESY OF UMR
ARCHIVES.



Left. University officials and Gary Havener perform the groundbreaking for the Havener Center, to which Mr. Havener pledged a \$5 million gift--the largest single private donation ever received by UMR. Photo by Nancy Lentz.



Left. Eager for construction on the Residential College to get underway, five Resident Assistants help mark the start of the project. Photo by Nancy Lentz.

Below. A member of Lambda Chi Alpha Fraternity performs his St. Pat's duty, staving off the snake invasion. Photo by Dave Denney.

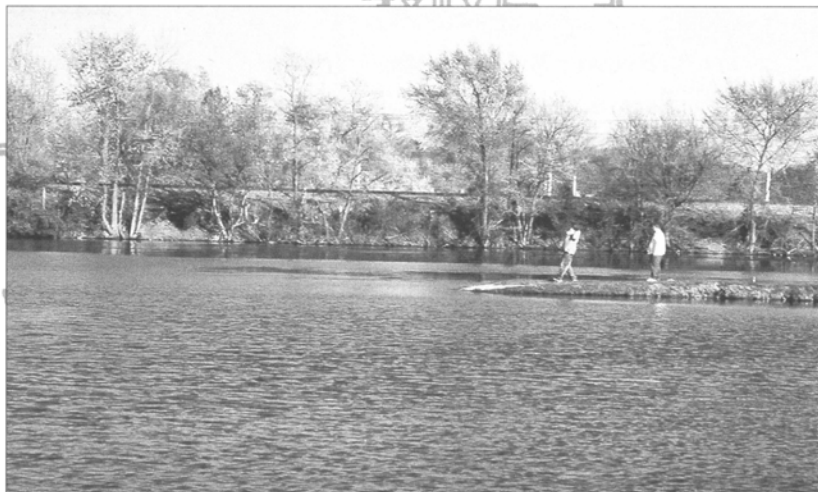


REFLECTION Inflection

AFTER NINE MONTHS OF WORK AND PLAY, THE YEAR WAS ASSEMBLED PIECE BY PIECE. THIS BOOK PROVIDES SNAPSHOT LOOKS AT EACH STEP OF THAT PROCESS. IT WASN'T POSSIBLE TO PRESERVE EVERY MOMENT FOR EVERY PERSON. HOPEFULLY, THE MOMENTS CAPTURED HERE WILL BE ENOUGH FOR EACH STUDENT TO RECALL THE HIGH POINTS, AND THEN FILL IN THE GAPS WHILE REMINISCING WITH FRIENDS OVER PAST EXPERIENCES.

MAY FUTURE STUDENTS AND HISTORIANS VIEW THIS RECORD WITH REVERENCE, RECOGNIZE THE IMPORTANCE THAT THIS YEAR HELD FOR ITS PARTICIPANTS, APPRECIATE THE HISTORY AND TRADITION OF UMR, AND WONDER WHAT IT WAS LIKE TO LIVE IN OUR TIME.

Below. Another day begins in Rolla, MO.



Above. Exploring new stress-management techniques, these students try sending golf balls across Schuman Lake.

Left. At the Rollamo staff picnic, Chef Dave Bryant serves up some mean hot dogs. Photo by Ryan Bales.



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Ronald F. Williams; B.S. 1980, M.S. 1981
Dale M. Smith; B.S. 1981
Jeffrey P. Klein; B.S. 1982
Dennis F. Boll; B.S. 1981, M.S. 1982
William C. Jones; B.S. 1986
Karen Albert; B.S. 1992, M.S. 1994
Richard M. Solomon; B.S. 1983, M.S. 1994
Matthew H. McQuality; B.S. 1993; M.S. 1996
Michael S. Roark; B.S. 1997, M.S. 1998
Yingwei (Alex) Wu; M.S. 1995, Ph.D. 1999
Eric J. Neuner; B.S. 1999

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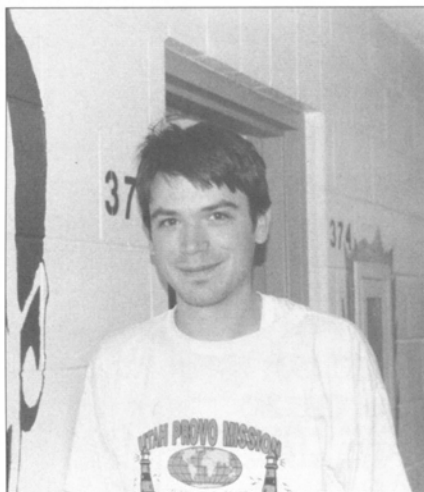
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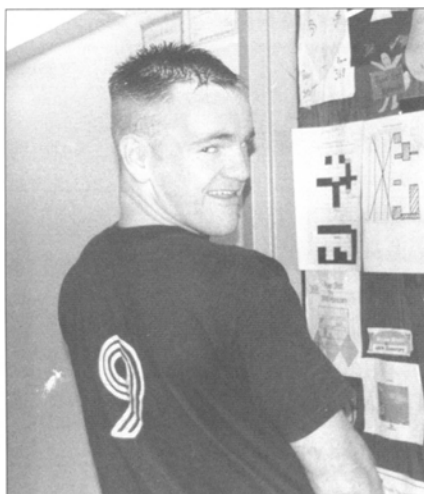
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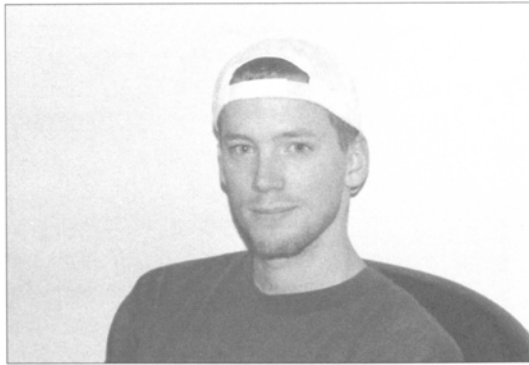
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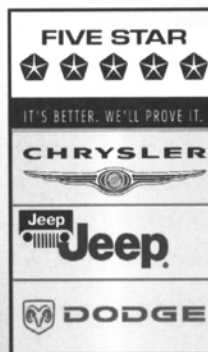
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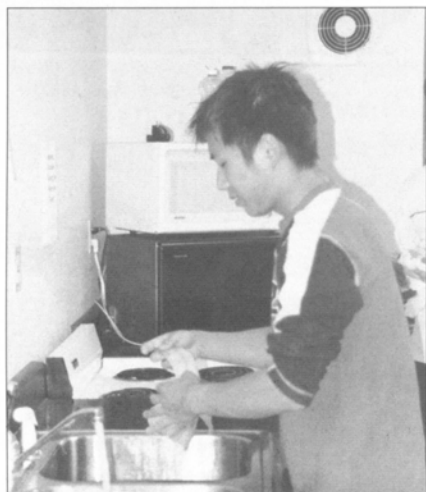
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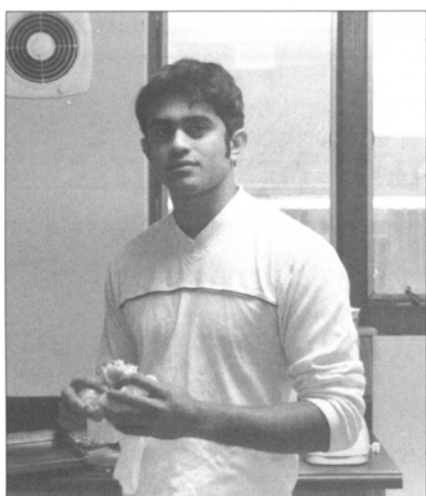
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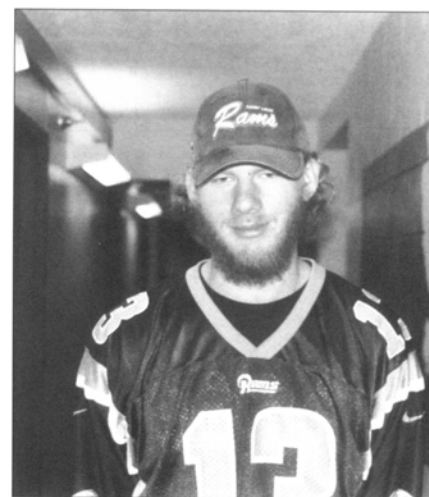
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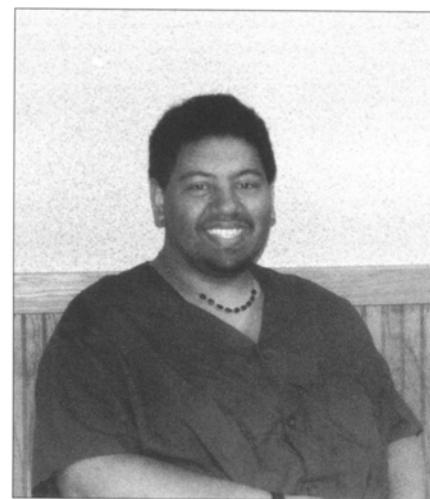
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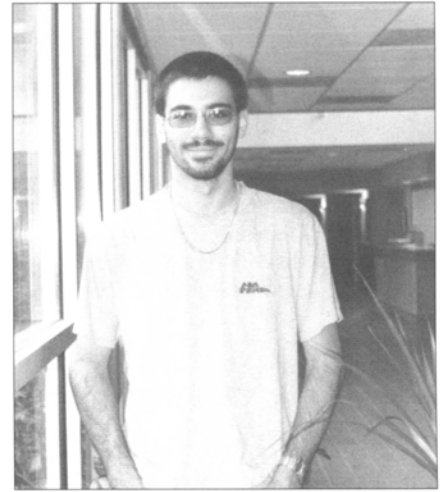
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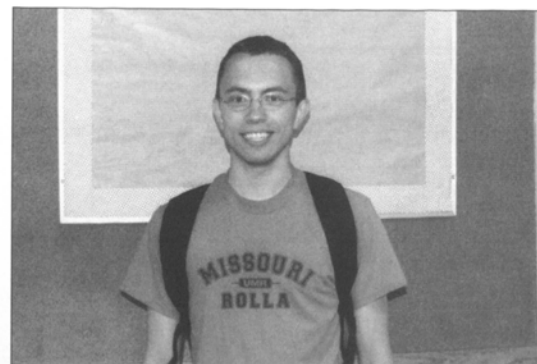
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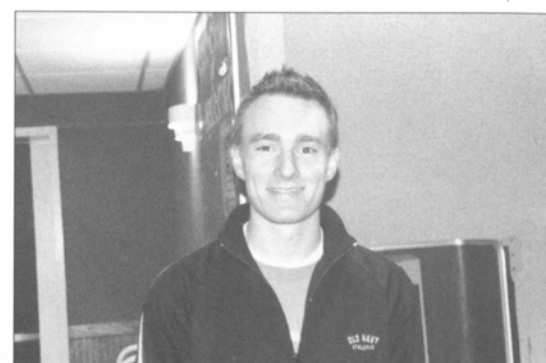
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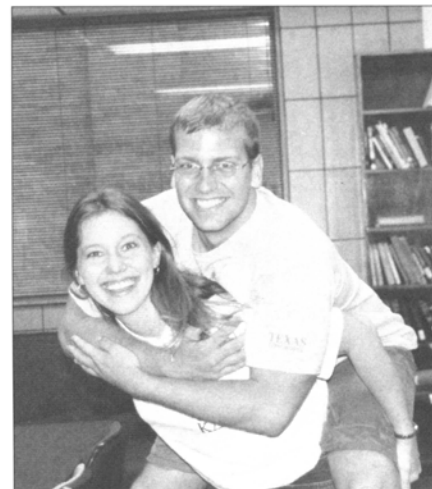


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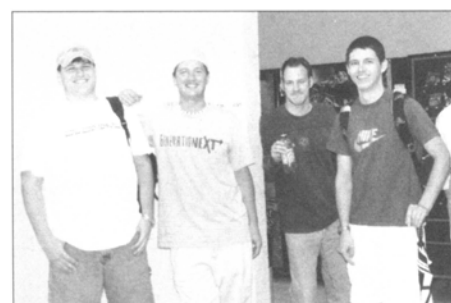
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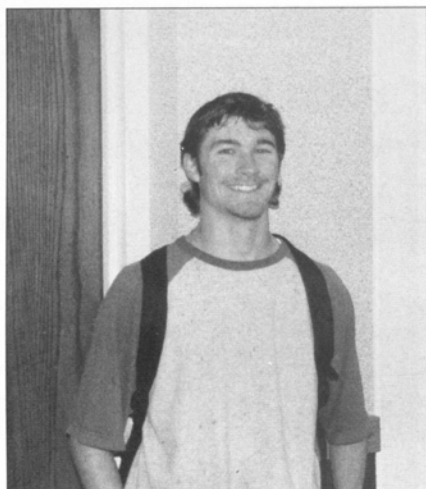


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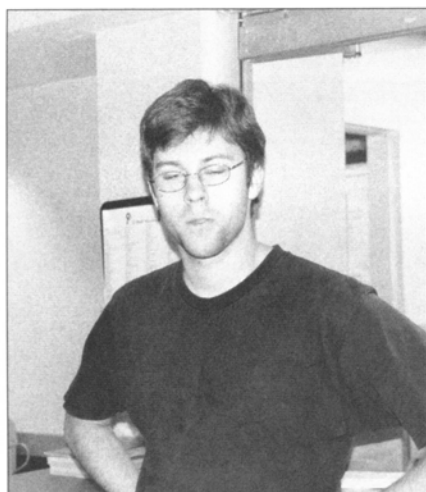


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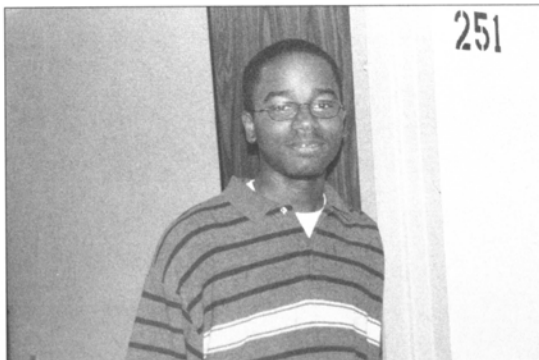
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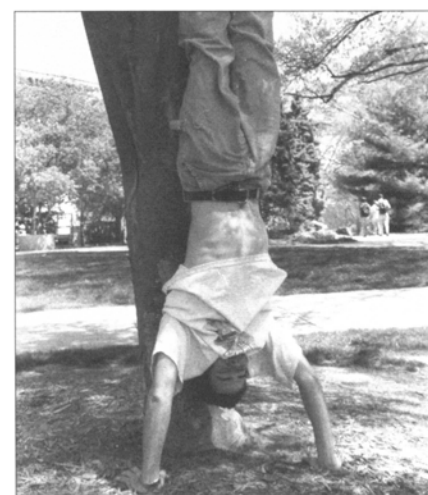
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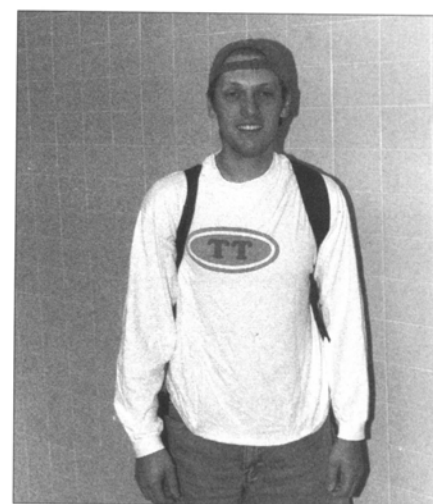
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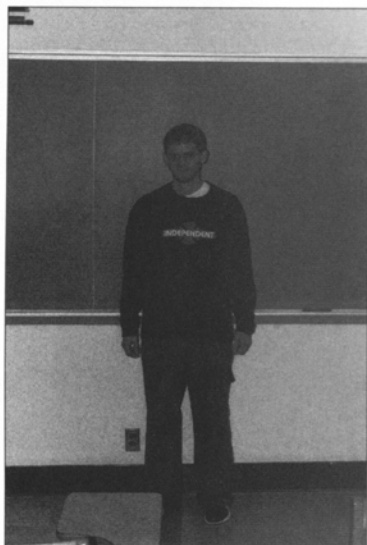


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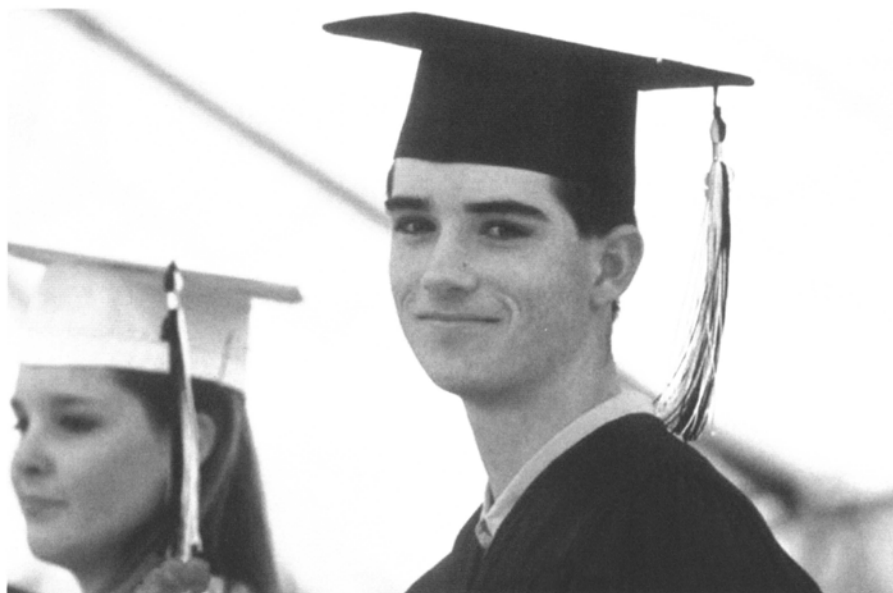
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*Justin Norvell, Jonathan Marburger, D.C. Cook (sitting),
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Spring '03 Rollamo Staff. (hanging on left of slide) Dave Denney, Rachel Struby. (descending from top of slide) Karen D'Souza, Jennifer Leopold, Julie Portman, Matt Bayne, Dave Bryant, Kelley Hummingbird, Sharon Sebastian, Ryan Bales.

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Editor's Note

I would especially like to thank Carol Molchan. She helped *Rollamo* in countless ways as our adviser for seven years. Just talking to her put a better spin on my day, regardless of the problems I had come in with. Enjoy retirement! I also owe great thanks to Kathy Allison, who did an outstanding job of taking over and helping me keep things straight. Without you two, I would have had a lot more to worry about.

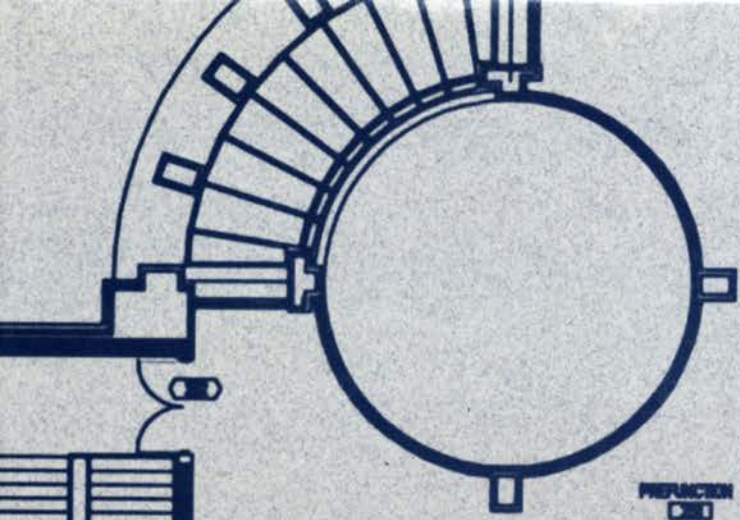
The *Rollamo* Staff appreciates the efforts of Physical Facilities and all who helped in our surprise relocation. You asked what we needed, and you delivered!

Special thanks also goes to Melody Lloyd and the University Archives, and to Renee Stone and the Alumni Association for their constant support, enthusiasm, and contributions. Your input always helped remind us of the importance of what we do.

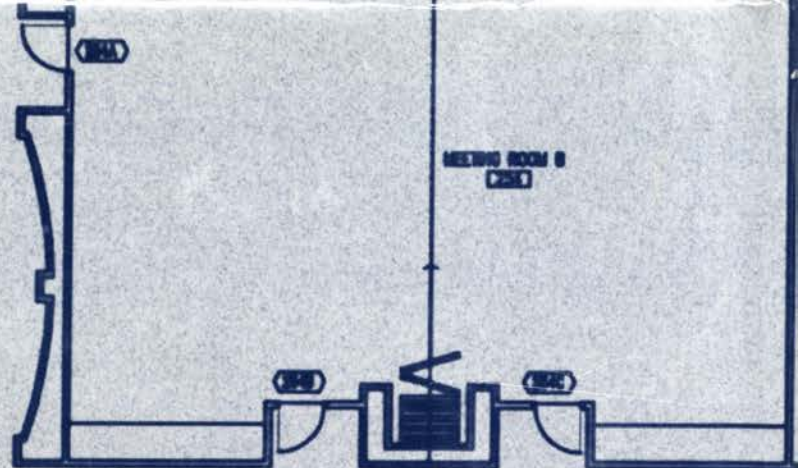
Extra special thanks to Julie Portman and D.J. Wiseman, who stepped in and helped pick up all the pieces that others had left behind. You two saved the year.

Admittedly, the year didn't go quite like I had planned. I guess that's what happens when you start the year with a brand new staff. Despite the problems we faced, I still must say that this is the best *Rollamo* in the past 10 years.

One of the great joys I had from being on the *Rollamo* staff was looking through the vast collection of old *Rollamo*'s. I spent many late nights in the office looking at how things used to be here; it's incredible to see what a long, proud and eventful history MSM-UMR has. A lot of people don't recognize that. If twenty years from now, someone can look at this volume, and feel a little closer to UMR in 2003, then I feel our responsibility was well done. - Ryan Bales

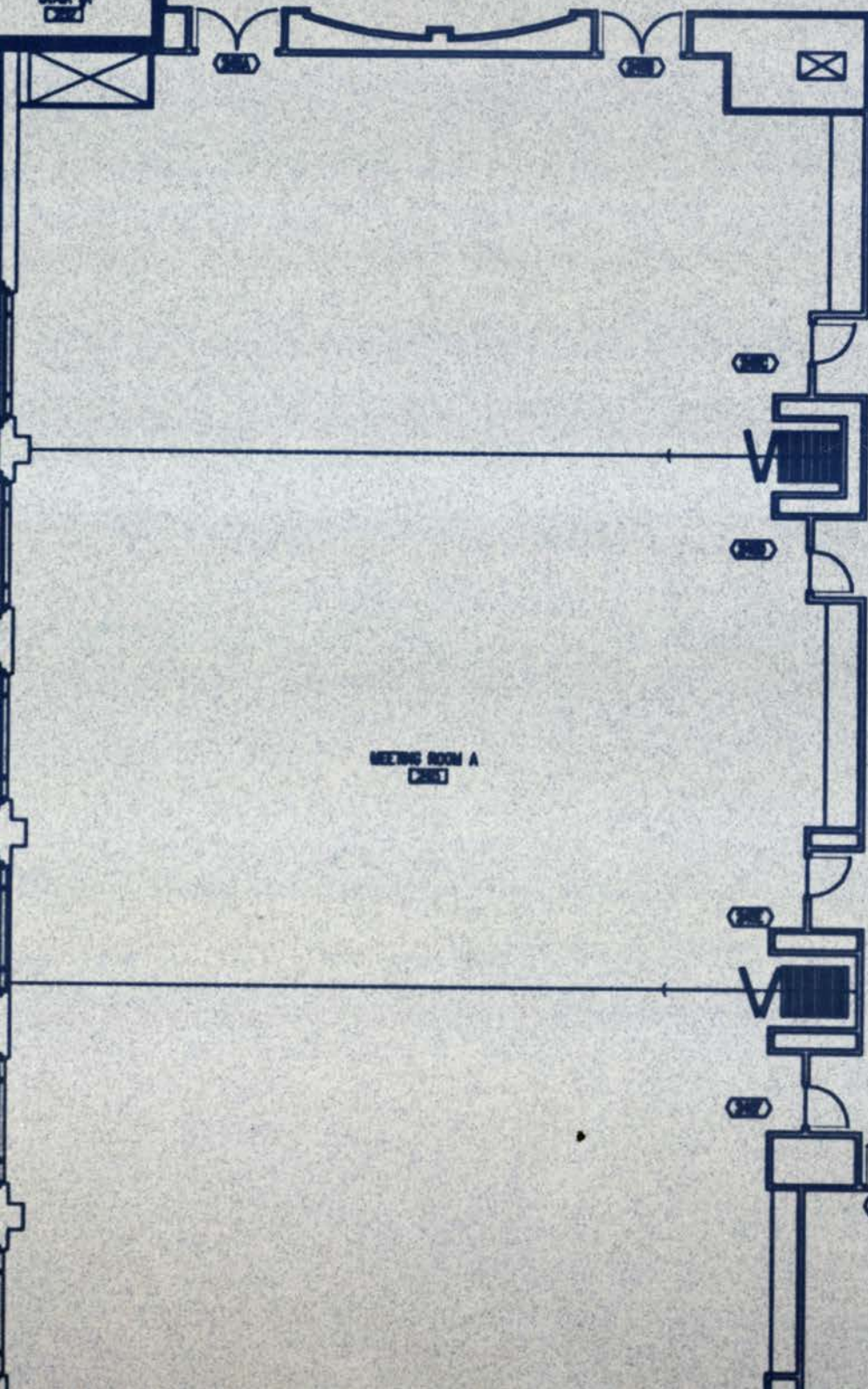


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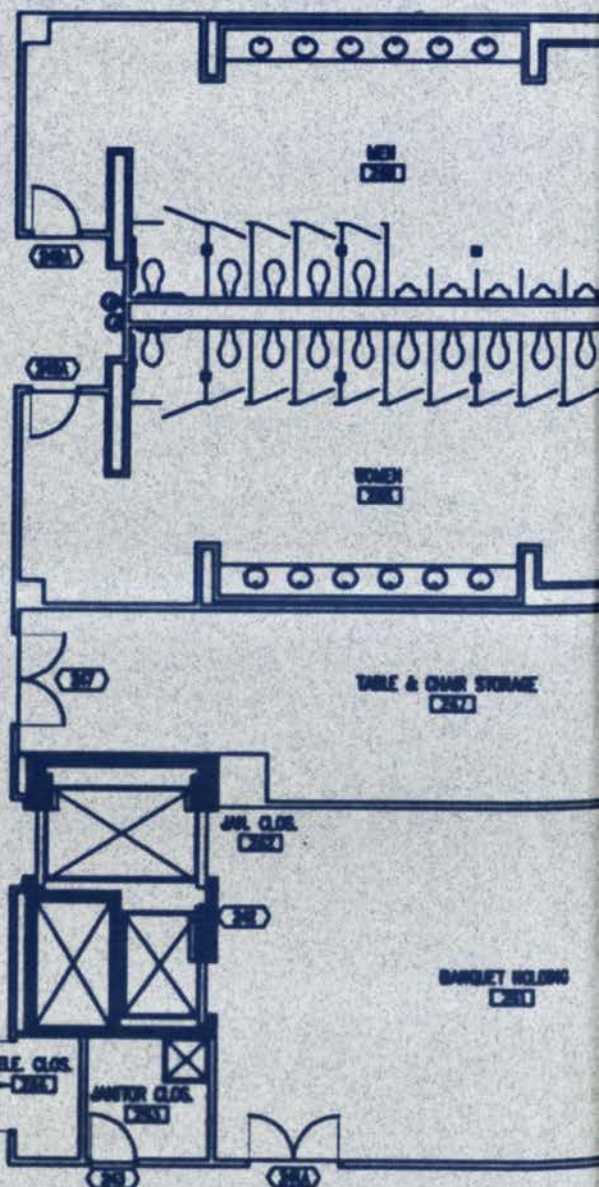


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